

ALASKA PENINSULA AND ALEUTIAN ISLANDS MANAGEMENT AREAS
SALMON ESCAPEMENT AND CATCH SAMPLING RESULTS, 2002



By

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ABSTRACT

The Alaska Peninsula sockeye salmon *Oncorhynchus nerka* escapements at Orzinski Lake, Nelson River, Sandy River, Bear Lake, and Ilnik River were sampled for age, sex, and length information. In 2002, 6,239 adult sockeye salmon were sampled, which represented a combined escapement of 725,542 sockeye salmon. Although the predominate age classes varied by system, the combined estimated age classes of these escapements were primarily age 2.2, followed by ages 2.3, 1.2 and 2.1 fish. A combined total of 3,301 emigrating sockeye salmon smolt were sampled for age, weight, and length data from Bear Lake and Sandy River. A majority of the outmigrating smolt from both Sandy River and Bear Lake were age 1.

In 2002, approximately 6.0 million salmon were harvested in the Alaska Peninsula area. About 2.7 million of these were sockeye salmon, 2.2 million were pink salmon *O. gorbuscha*, 875 thousand were chum salmon *O. keta*, 237 thousand were coho salmon *O. kisutch*, and 10 thousand were chinook salmon *O. tshawytscha*. Of these adult fish, 17,411 sockeye salmon, 1,071 chum salmon, and 1,253 coho salmon were sampled for age information. The age compositions of these samples were used to estimate the age composition of the entire catch by area. The appropriate sockeye salmon escapement and catch data were combined to estimate the size and age structure of the late run of sockeye salmon at Bear Lake and the entire run at Nelson River.

INTRODUCTION

Five salmon species are commercially harvested in the Alaska Peninsula Management Area (Connolly and Dinnocenzo 2002; Murphy et al. 2000). The Alaska Peninsula Management Area consists of two sub-areas; the South Alaska Peninsula sub-area includes the coastal waters west of Kupreanof Point to Scotch Cap on Unimak Island. The North Alaska Peninsula sub-area extending from Cape Menshikof west to Cape Sarichef (Figures 1-9; Murphy et al 2001). The Alaska Peninsula Management Area is made up of four fishing districts in the South Peninsula, and two in the North Peninsula (Figures 1-9).

About 250 salmon systems are located throughout the Alaska Peninsula Management Area. The South Peninsula has 185 salmon systems and the North Peninsula 62 systems (Murphy 1992). These systems combined support five commercially important salmon species: chinook *Oncorhynchus tshawytscha*, sockeye *O. nerka*, coho *O. kisutch*, pink *O. gorbuscha*, and chum *O. keta* salmon.

Alaska Peninsula salmon escapement is estimated by the Alaska Department of Fish and Game (ADF&G) through the use of fish weirs at five major sockeye salmon producing systems: Orzinski Lake on the South Peninsula (Figure 4), and Nelson River, Bear Lake, Sandy River, and Ilnik River on the North Peninsula (Figures 1 and 9; McCullough 2002). Two distinct runs of sockeye salmon occur at Bear Lake; the early run enters Bear Lake through 31 July, and the late run enters the system after 31 July (Ramstad 1998). The United States Fish and Wildlife Service (USFWS) operated a fish counting weir on Frosty Creek and Mortensen's Creek in 2002. Other area streams are monitored by aerial and foot surveys; however, their associated escapement data are not presented in this report.

The Aleutian Islands Management Area consists of Bering Sea and Pacific Ocean waters extending west of Unimak Island exclusive of the Atka-Amlia Management Area, but including the Pribilof Islands (Shaul and Dinnocenzo 2002). There are numerous salmon streams throughout the management area, and local residents frequently utilize sockeye, coho, and pink salmon for subsistence purposes. Commercial salmon harvests have only occurred during two of the recent 10 years in the Aleutian Islands Management Area (Shaul and Dinnocenzo 2002). The USFWS operated a fish counting weir on the outlet of McLeese Lake on Unalaska Island in 2002.

Salmon escapements and catches are sampled regularly throughout the annual salmon season (May through September) for biological characteristics including age, length, and sex. These data continue to expand the Alaska Peninsula/Aleutian Islands Management Areas salmon baseline database. The current emphasis of escapement sampling is on sockeye salmon, while catch sampling focuses primarily on sockeye and chum salmon. Chinook and coho salmon commercial catches are sampled at a reduced level. Sockeye salmon smolt (age, weight, and length) samples are collected weekly at Bear Lake and Sandy River to serve as indices of outmigration age composition and smolt condition.

This report summarizes the results of the 2002 Alaska Peninsula/Aleutian Islands Management Areas escapement and catch sampling programs. The purpose of this report is to serve as a compilation of data; interpretation and discussion of these data are limited.

METHODS

Adult Salmon Escapement and Catch Estimates

Alaska Peninsula sockeye salmon escapement estimates for 2002 were based primarily on weir counts with the addition of postseason estimates at Orzinski Lake, Nelson River, Bear Lake, Sandy River, and Ilnik River. Daily weir count data were obtained from the ADF&G, Division of Commercial Fisheries, Westward Region escapement database on January 28, 2003, or from personal communication with USFWS personnel.

Salmon catch data by area and species were obtained from the ADF&G, Division of Commercial Fisheries, Westward Region catch database of individual sales receipts (fish tickets). This database was edited by ADF&G area management personnel prior to summaries being generated on January 28, 2003.

Adult Salmon Escapement and Catch Sampling

Sockeye salmon escapements were sampled for age (scales), length, and sex at Orzinski Lake, Nelson River, Bear Lake, Sandy River, Ilnik River, McLeese Lake, Frosty Creek, and Mortensen's Creek weirs (Figure 1) with a targeted weekly sample size of 240 fish per system (Thompson 1987). Sampling weeks and associated calendar dates are presented in Table 1.

Otolith samples were taken and sex was recorded from spent adult sockeye salmon carcasses from Blue Bill and Outer Marker Lakes, which flow into Izembek Lagoon. The ages of the fish were estimated from the otoliths, because the scales were unusable for age estimation due to scale resorption.

Commercial catches were sampled weekly ($n=600$; Thompson 1987) for age data. A detailed description of the Alaska Peninsula escapement and catch sampling program can be found in Murphy and Tschersich (2002).

All scales, when possible, were collected following procedures outlined in INPFC (1963). Scales were mounted on gum cards and impressions were made on cellulose acetate (Clutter and Whitesel 1956). Fish ages were assigned by examining scale impressions for annual growth increments using a microfiche reader fitted with a 48X lens following designation criteria established by Mosher (1968). Ages were recorded on sampling forms using European notation (Koo 1962) where a decimal separates the number of winters spent in freshwater (after emergence) from the number of winters spent in saltwater. The total age of the fish includes an additional winter representing the time between egg deposition and fry emergence. Length measurements were taken from mid-eye to

tail-fork in millimeters and sex was determined from external morphological characteristics. All data were recorded on standard age-weight-length (AWL) data forms. Data from AWL forms were optically scanned into an electronic database and edited for accuracy.

Escapement, age, length, and sex compositions were computed for each system sampled. Age and sex composition estimates were interpolated daily between sampling events and summarized weekly. When limited samples were obtained, the age composition of the sample was apportioned to the escapement of the sampling period only. Length composition data were summarized by age and sex and represented only the fish sampled. When weekly targeted sample sizes were obtained, catch-at-age by area and day was estimated by multiplying the daily age composition of a particular sample by the daily catch from the corresponding catch area. Age composition of the catch from days not sampled was estimated using linear interpolation between sampling events. Descriptions of methods used to compute interpolations and age, length, and sex composition summaries can be found in Blackburn (1993).

Juvenile Sockeye Salmon Sampling for Age, Size, and Condition

Sockeye salmon smolt were sampled for age (scales), length, and weight at Bear Lake and Sandy River. Up to 200 smolt per week (dependent on availability) were collected using a fyke net. In addition to the above sampling, a dedicated smolt project was in effect at Bear Lake and smolts captured with an inclined plane trap were also sampled. When more than 200 smolt were captured in a day, they were placed in a holding tank and sampled randomly until 200 smolt were selected. After anesthetizing the smolt to be sampled with MS-222, scale smears were taken from the preferred area (INPFC 1963) and mounted on a standard microscope slide. Length measurements (tip-of-snout to fork-of-tail) were measured to the nearest mm and weights were taken to the nearest 0.1 g using a digital balance. Age classification was conducted using a microfiche reader fitted with a 60X lens following age designation criteria established by Mosher (1968). Age composition, length, weight, and condition factor were summarized for each system by week (Swanton et al. 1995). No attempt was made to measure smolt abundance in 2002.

Condition factor was calculated for each smolt sampled using (Bagenal and Tesch 1978):

$$\hat{K} = \frac{W}{L^3} 10^5,$$

where,

\hat{K} = smolt condition factor,

W = smolt weight (g),

L = smolt length (mm).

Nelson River Sockeye Salmon Run Reconstruction

The Nelson River sockeye salmon run reconstruction was accomplished by combining Nelson River escapement estimates and catches from Nelson Lagoon by year and age class (Murphy et al. 2000). Estimates by age class were assigned to the parent year (brood year) escapement and return-per-spawner (R/S) estimates were calculated by dividing total return by its respective parent year escapement. The total run and R/S estimates calculated for Nelson River can be considered minimums, because harvests of Nelson River sockeye salmon outside of Nelson Lagoon have not been quantified. A few other minor sockeye salmon systems also drain into Nelson Lagoon, but these runs are considered insignificant and relatively constant.

Bear Lake Late Sockeye Salmon Run Reconstruction

Run reconstruction of the late sockeye salmon run at Bear Lake was accomplished by combining the Bear Lake late-run (post 31 July) escapement estimates and catches from Harbor Point to Strogonof Point (post 31 July) by year and age class (Murphy et al. 2000). Estimates by age class were assigned to the parent year (brood year) escapement and R/S estimates were calculated by dividing total return by its respective parent year escapement.

RESULTS AND DISCUSSION

Adult Sockeye Salmon Escapement Abundance, Age, Sex, and Size Data

A total escapement of 725,542 sockeye salmon were estimated through ADF&G weirs in the Alaska Peninsula Management Area during 2002 (Tables 2 and 3). Overall, 6,239 sockeye salmon were sampled for age, length, and sex (ALS) data (Table 3). Escapements on the Alaska Peninsula were slightly higher in magnitude in 2002 than in 2001, but the total number of sockeye salmon sampled for ALS data was very similar to previous years (Bouwens et al. 2001; Bouwens et al. 2002).

In its entirety, the dominant age classes varied by system, but the escapement was predominantly 5-year-old fish (age 2.2; Tables 3-10). Compared to 2001, the age 2.2 component in 2002 made up a much larger portion of the entire escapement (61.1 vs. 33.3 percent), while ages 1.3 and 2.3 sockeye salmon were less abundant in 2002 than in 2001 (Bouwens et al. 2002).

In 2001, the dominant (37 percent) age class of the Orzinski Lake sockeye salmon escapement was age 1.3; while in 2002, age 2.2 fish were most abundant composing 65 percent of the escapement (Table 4). At Nelson River, age 2.2 fish were most abundant in both 2001 and 2002 although the proportion of age 2.2 sockeye salmon was much higher in 2002 (71.1 percent) than in 2001 (41.6 percent; Table 5). At Sandy River the dominant age class switched from age 1.3 in 2001 to age 1.2 in 2002 (Table 6). At Bear Lake, age 2.2. and 2.3 were both abundant in 2001, while in 2002 age 2.2 fish were much more prevalent (Table 7). In 2002 the early run at Bear Lake had a lower percentage of 3-ocean fish than the late run (Tables 8 and 9), which was opposite of the trend in

2001. At Ilnik River in 2001, age 0.3 and 1.3 sockeye salmon were most abundant, while in 2002 age 1.2 and 0.4 fish were predominant (Table 10; Bouwens et al. 2002).

Alaska Peninsula sockeye salmon escapement length measurements ranged from 245 mm at Nelson River to 733 mm at Ilnik River (Tables 11-15). The overall percentage of males in the escapement in 2002 ranged from 53 percent at Orzinski Lake to 69 percent at Nelson River (Tables 16-21), which was overall a higher percentage of males than was sampled in 2001 (Bouwens et al. 2002).

Age composition summaries of Blue Bill and Outer Marker Lakes sockeye salmon are listed in Tables 22 and 23. In both systems, age 1.3 and 1.4 sockeye salmon composed most of the sample.

Juvenile Sockeye Salmon Age, Size, and Condition

Smolt scale samples were taken during statistical weeks 27 through 29 at Sandy River. The weekly sockeye salmon smolt samples collected at Sandy River indicated that 94.3 percent of the outmigrating sockeye smolt sampled during 2002 were age 1. and 5.1 percent of the smolt sampled were classified as age 0. (n=370; Table 24). The mean lengths of age 0., and 1. smolt at Sandy River were 83.6, and 98.1 mm, respectively (Table 25). Since 1995, the percentage of age 0. smolt sampled at Sandy River ranged from 0 to 84 percent (Table 26).

Smolt scale samples were taken during statistical weeks 21 through 34 at Bear Lake. The weekly sockeye smolt samples collected at Bear Lake indicated that 73.1 of the outmigrating sockeye smolt sampled during 2002 were age 1., and 25.9 percent of the smolt sampled were age 2. Ages 3. and 0. smolt composed less than 2 percent of the smolt sampled (n=2,931; Table 27). The mean lengths of age 1., 2., and 3. smolt at Bear Lake were 113.3, 121.4, and 151.6 mm, respectively (Table 28). Historically, the majority of the smolt sampled at Bear Lake have been age 2., although in some years age 1. smolt make up the majority of the sample (Table 29).

Commercial Salmon Catch Abundance Data

The 2002 commercial harvest for the Alaska Peninsula Management Area totaled 6,023,440 salmon consisting of 10,336 chinook, 2,702,370 sockeye, 237,331 coho, 2,198,432 pink, and 874,971 chum salmon (Table 30), which was about 806 thousand less salmon than were harvested in 2001. About 1 million more sockeye salmon were harvested in 2002 than in 2001 (Bouwens et al. 2002). A total of 28,686 salmon were sampled for age determination from a variety of catch areas throughout the Alaska Peninsula (Tables 31-44).

Commercial Salmon Catch Age Data

In February of 2002, ADF&G research and management biologists met to discuss the utility of particular areas sampled for commercial salmon catch. Specifically, the catch sample was evaluated for meeting one or more of the following criteria: 1) develop brood tables to evaluate long term production and forecasting; 2) identify temporal shifts (within year) in age composition of a mixed-

stock catch; 3) identify temporal shifts (between years) in age composition of a mixed-stock catch; 4) recognize specific stocks within a mixed stock catch when age markers are present; 5) determine stock composition estimates using scale pattern analysis (SPA). Discussion revolved around Southeastern District Mainland (SEDM) and Shumagin Islands sockeye catch samples which do not meet any of the criteria; however, only SEDM catch sampling was discontinued. Also, while it was understood that Nelson Lagoon and Harbor-Strogonof chinook, chum, and coho catch samples also do not meet the criteria exactly, they are used in a limited capacity to explore age-class abundance for forecasting abundance for the subsequent year.

Chinook Salmon

No commercially harvested chinook salmon were sampled in 2002. A total of 959 samples from the Nelson Lagoon and Harbor Point to Strogonof Point commercial catches were sampled in 2001, (Bouwens et al. 2002), which was similar to the chinook salmon sampling effort over the prior five years (Nelson et al. 1997; Nelson et al. 1999; Wadle et al. 1999; Nelson et al. 2000; Bouwens et al. 2001).

Sockeye Salmon

Sockeye salmon scale samples were collected from six different catch areas throughout the South and North Peninsula. A total of 17,411 sockeye salmon were sampled for age information area wide (Table 31), representing a combined harvest of about 1.7 million fish. This was over twice the number of samples as taken in 2001 (Bouwens et al. 2002). The number of catch areas that were sampled was reduced from 16 areas in 1998 to five areas in 2000 (Nelson et al. 1999; Nelson et al. 2000; Bouwens et al. 2001), and increased again to six areas in 2001 (Bouwens et al. 2002) and 2002. The primary age classes varied by catch area, but the overall sockeye salmon catch sampled was composed of predominantly ages 2.2 (47.6 percent) and 2.3 (28.3 percent), followed by age 1.3 (9.3 percent) fish (Tables 31 to 39).

Coho Salmon

The number of coho salmon sampled from Alaska Peninsula Management Area declined by about one third from 1996-2000 (Nelson et al. 1997; Nelson et al. 1999; Wadle et al. 1999; Nelson et al. 2000; Bouwens et al. 2001). The number of coho salmon sampled in 2002 was similar to the number sampled in 2001; a combined total of 1,253 fish were sampled, representing a total of 61,758 commercially caught coho salmon (Table 40; Bouwens et al. 2002). Scale samples were collected only from coho salmon captured from Harbor Point to Strogonof Point (Table 41) and Nelson Lagoon (Table 42) on the North Peninsula and from the Shumagin Islands Section on the South Peninsula (Table 43). The predominant age class of the monitored catch was age 2.1 in all areas (73.1 percent overall; Table 40).

Chum Salmon

A total of 1,071 commercially harvested chum salmon were sampled from the Alaska Peninsula Management Area in 2002 from only one area (Table 44). The number of chum salmon sampled has been reduced in recent years. In 1996, approximately 16 thousand chum salmon were sampled

for age data; the number has steadily declined through 2000 (Nelson et al. 1997; Nelson et al. 1999; Wadle et al. 1999; Nelson et al. 2000; Bouwens et al. 2001). The number of chum salmon sampled increased slightly in 2001 over 2000 (Bouwens et al. 2001). In the number of chum salmon sampled in 2002 was less than the number sample in 2001 (Bouwens et al. 2002). In 2002, chum salmon scale samples were collected Harbor Point to Strogonof Point, on the North Peninsula representing a harvest of 15,991 fish (Table 44). The predominant age class of the monitored catch was age 0.3 (60.9 percent) followed by age 0.4 (28.9 percent).

Nelson River Sockeye Salmon Run Reconstruction

The estimated sockeye salmon run to Nelson River was 640,135 in 2002, with ages 2.2 and 2.3 fish accounting for 57 and 18 percent of the run, respectively (Table 45). This was almost twice the 2001 estimated run of 376,325 and about 120,000 fish more than the recent 10-year average estimated run of 519,947 (Figure 10). Escapements (1986-1995) to Nelson River have produced an estimated average return of 525,905 fish (range: 255,474 to 719,453; Table 46). The average R/S for this period was estimated at 2.7.

Bear Lake Late Sockeye Salmon Run Reconstruction

The late run to Bear Lake in 2002 was estimated at 394,515 sockeye salmon with age 2.2 and 2.3 fish accounting for 50 and 37 percent of the run, respectively (Table 47). The estimated 2002 late run was lower in magnitude than the estimated late run of 2001 (475,863) and approximately 210,000 fish less than the recent 10-year average of 604,551 (Figure 11). The 1986-1995 late-run escapements to Bear Lake have produced an estimated average return of 782,892 fish (range: 376,415-1,188,080; Table 48). The R/S for this period was estimated at 5.4.

USFWS Operated Projects

A total of 1,454 sockeye, 550 coho, and 1,688 chum salmon were sampled from the escapement by the USFWS in 2002 (Table 49). A total of 654 sockeye salmon were sampled from McLees Lake, representing an escapement of 97,780 fish. Age 1.2 sockeye salmon were most numerous (59.6 percent), followed by age 1.3 fish (32.2 percent; Table 50). Ninety-five sockeye salmon were sampled from Frosty Creek representing an escapement of 1,274 fish. As with McLeese Lake, the majority of the sockeye salmon from Frosty Creek were age 1.2 (57.4 percent) and age 1.3 (25.5 percent; Table 51). A total of 705 sockeye salmon were sampled from Mortensen's Creek, representing an escapement of 5,206 sockeye salmon. The majority of the Mortensen's Creek escapement was age 1.3 (73.3 percent), followed by age 1.2 fish (16.8 percent; Table 52). Lengths of USFWS project sockeye salmon ranged from 295 mm at Frosty Creek to 657 mm at Mortensen's Creek (Tables 53 to 55). Males composed approximately 54 to 61 percent of the escapement at the three systems (Tables 56 to 58).

A total of 116 coho salmon were sampled from Frosty Creek, representing a total of 733 fish. Age 2.1 coho salmon were most abundant (50.8 percent), followed by age 3.1 coho salmon (23.1

percent; Table 59). Four hundred and thirty-four coho salmon were sampled from Mortensen's Creek representing 6,427 coho salmon. Age 2.1 coho salmon were most abundant (82.4 percent) followed by age 1.1 coho Salmon (11.6 percent; Table 60). Lengths of USFWS project coho salmon ranged from 301 mm at Frosty Creek to 741 mm at Mortensen's Creek (Tables 61 and 62). Males composed about 49 percent of the escapement at Frosty Creek and about 55 percent of the escapement at Mortensen's Creek (Tables 63 and 64).

A total of 1,688 chum salmon were sampled from Frosty Creek, representing an escapement of 42,195 fish. Age 0.3 chum salmon were most abundant (58.6 percent), followed by age 0.4 chum salmon (29.8 percent; Table 65). Frosty Creek chum salmon ranged from 423 to 696 mm in length (Table 66). Males composed about 55 percent of the escapement at Frosty Creek (Table 67).

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Table 1. Sampling weeks and corresponding calendar dates, 2002.

Week	Calendar Dates	Week	Calendar Dates
1	1-Jan - 3-Jan	28	5-Jul - 11-Jul
2	4-Jan - 10-Jan	29	12-Jul - 18-Jul
3	11-Jan - 17-Jan	30	19-Jul - 25-Jul
4	18-Jan - 24-Jan	31	26-Jul - 1-Aug
5	25-Jan - 31-Jan	32	2-Aug - 8-Aug
6	1-Feb - 7-Feb	33	9-Aug - 15-Aug
7	8-Feb - 14-Feb	34	16-Aug - 22-Aug
8	15-Feb - 21-Feb	35	23-Aug - 29-Aug
9	22-Feb - 28-Feb	36	30-Aug - 5-Sep
10	1-Mar - 7-Mar	37	6-Sep - 12-Sep
11	8-Mar - 14-Mar	38	13-Sep - 19-Sep
12	15-Mar - 21-Mar	39	20-Sep - 26-Sep
13	22-Mar - 28-Mar	40	27-Sep - 3-Oct
14	29-Mar - 4-Apr	41	4-Oct - 10-Oct
15	5-Apr - 11-Apr	42	11-Oct - 17-Oct
16	12-Apr - 18-Apr	43	18-Oct - 24-Oct
17	19-Apr - 25-Apr	44	25-Oct - 31-Oct
18	26-Apr - 2-May	45	1-Nov - 7-Nov
19	3-May - 9-May	46	8-Nov - 14-Nov
20	10-May - 16-May	47	15-Nov - 21-Nov
21	17-May - 23-May	48	22-Nov - 28-Nov
22	24-May - 30-May	49	29-Nov - 5-Dec
23	31-May - 6-Jun	50	6-Dec - 12-Dec
24	7-Jun - 13-Jun	51	13-Dec - 19-Dec
25	14-Jun - 20-Jun	52	20-Dec - 26-Dec
26	21-Jun - 27-Jun	53	27-Dec - 31-Dec
27	28-Jun - 4-Jul		

Table 2. Daily and cumulative sockeye salmon escapement counted through weirs by system, Alaska Peninsula Management Area, 2002.

Date	System (weir)									
	Orzinski Lake		Nelson River		Sandy River		Bear Lake		Ilnik River	
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.
5/30									110	110
5/31							0	0	427	537
6/1		0		0			177	177	656	1,193
6/2		8		8			142	319	494	1,687
6/3		98		106			231	550	607	2,294
6/4		1		107			499	1,049	663	2,957
6/5		5		112		0	269	1,318	671	3,628
6/6		0		112		0	380	1,698	791	4,419
6/7		0		112		0	867	2,565	433	4,852
6/8		1,028		1,140		0	240	2,805	566	5,418
6/9		467		1,607		7	7	1,130	3,935	256
6/10		64		1,671		1	8	548	4,483	344
6/11	0	0	436	2,107		0	8	364	4,847	1,316
6/12	4	4	2,941	5,048		11	19	924	5,771	1,464
6/13	0	4	2,508	7,556		51	70	1,638	7,409	834
6/14	0	4	2,689	10,245		0	70	2,192	9,601	1,052
6/15	0	4	4,921	15,166		1,016	1,086	1,682	11,283	886
6/16	0	4	3,525	18,691		361	1,447	5,321	16,604	1,768
6/17	0	4	3,379	22,070		1,148	2,595	2,448	19,052	1,224
6/18	2	6	5,158	27,228		893	3,488	5,265	24,317	260
6/19	1	7	2,921	30,149		498	3,986	4,444	28,761	975
6/20	225	232	3,742	33,891		811	4,797	1,448	30,209	331
6/21	286	518	5,812	39,703		749	5,546	1,382	31,591	697
6/22	49	567	7,155	46,858		611	6,157	3,431	35,022	785
6/23	95	662	7,597	54,455		678	6,835	2,287	37,309	2,016
6/24	1,283	1,945	7,614	62,069		373	7,208	778	38,087	1,222
										20,848

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Table 2. Page 2 of 4.

Date	System (weir)									
	Orzinski Lake		Nelson River		Sandy River		Bear Lake		Ilnik River	
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.
6/25	1,797	3,742	11,965	74,034	806	8,014	136	38,223	1,497	22,345
6/26	790	4,532	9,257	83,291	1,028	9,042	1,215	39,438	1,783	24,128
6/27	0	4,532	8,413	91,704	762	9,804	802	40,240	1,299	25,427
6/28	2,765	7,297	6,246	97,950	1,368	11,172	537	40,777	621	26,048
6/29	84	7,381	4,404	102,354	1,343	12,515	3,159	43,936	1,249	27,297
6/30	1,823	9,204	11,668	114,022	457	12,972	22,370	66,306	2,023	29,320
7/1	2,711	11,915	14,774	128,796	2,734	15,706	14,801	81,107	1,394	30,714
7/2	329	12,244	10,911	139,707	5,404	21,110	11,234	92,341	533	31,247
7/3	1,469	13,713	10,072	149,779	5,141	26,251	9,071	101,412	1,052	32,299
7/4	618	14,331	16,648	166,427	3,331	29,582	3,510	104,922	91	32,390
7/5	2,136	16,467	19,707	186,134	891	30,473	1,684	106,606	588	32,978
7/6	1,265	17,732	12,859	198,993	2,103	32,576	2,591	109,197	1,466	34,444
7/7	82	17,814	15,009	214,002	2,762	35,338	2,956	112,153	976	35,420
7/8	419	18,233	31,176	245,178	2,125	37,463	4,570	116,723	401	35,821
7/9	703	18,936	13,264	258,442	2,305	39,768	4,589	121,312	586	36,407
7/10	1,339	20,275	5,866	264,308	1,077	40,845	2,840	124,152	1,628	38,035
7/11	0	20,275	3,874	268,182	1,229	42,074	3,047	127,199	743	38,778
7/12	3,614	23,889	3,833	272,015	68	42,142	1,679	128,878	654	39,432
7/13	1,379	25,268	3,412	275,427	829	42,971	1,390	130,268	563	39,995
7/14	633	25,901	2,123	277,550	454	43,425	1,826	132,094	369	40,364
7/15	1,110	27,011	6,272	283,822	253	43,678	1,619	133,713	366	40,730
7/16	791	27,802	2,503	286,325	507	44,185	1,833	135,546	435	41,165
7/17	553	28,355	5,042	291,367	639	44,824	1,155	136,701	228	41,393
7/18	927	29,282	1,970	293,337	969	45,793	1,217	137,918	328	41,721
7/19	1,069	30,351	2,570	295,907	466	46,259	3,849	141,767	276	41,997
7/20	396	30,747	1,730	297,637	0	46,259	3,034	144,801	1,003 ^a	43,000
7/21	1,733	32,480	2,203	299,840	71	46,330	4,551	149,352		
7/22	84	32,564	1,641	301,481	468	46,798	2,989	152,341		

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Table 2. Page 3 of 4.

Date	System (weir)									
	Orzinski Lake		Nelson River		Sandy River		Bear Lake		Ilnik River	
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.
7/23	271	32,835	1,904	303,385	2,202 ^a	49,000	2,699	155,040		
7/24	826	33,661	12,308 ^a	315,693			2,203	157,243		
7/25	835	34,496					2,512	159,755		
7/26	472	34,968					2,061	161,816		
7/27	254	35,222					1,395	163,211		
7/28	330	35,552					1,491	164,702		
7/29	312	35,864					3,279	167,981		
7/30	1,370	37,234					3,767	171,748		
7/31	45	37,279					7,732	179,480		
8/1	5,570 ^a	42,849					4,655	184,135		
8/2							3,368	187,503		
8/3							2,472	189,975		
8/4							992	190,967		
8/5							1,202	192,169		
8/6							2,190	194,359		
8/7							3,266	197,625		
8/8							11,032	208,657		
8/9							12,559	221,216		
8/10							7,751	228,967		
8/11							2,833	231,800		
8/12							2,552	234,352		
8/13							11,173	245,525		
8/14							2,865	248,390		
8/15							1,212	249,602		
8/16							578	250,180		
8/17							1,035	251,215		
8/18							1,139	252,354		
8/19							1,437	253,791		

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Table 2. Page 4 of 4.

Date	System (weir)									
	Orzinski Lake		Nelson River		Sandy River		Bear Lake		Ilnik River	
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.
8/20							1,182	254,973		
8/21							898	255,871		
8/22							932	256,803		
8/23							2,379	259,182		
8/24							1,999	261,181		
8/25							6,098	267,279		
8/26							7,721 ^a	275,000		
Totals	42,849		315,693		49,000		275,000		43,000	

^a Post-weir escapement estimate.

Table 3. Estimated age composition of sockeye salmon escapement, by system, Alaska Peninsula Management Area, 2002.

System	Sample Size	Ages															Total		
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	3.4		
Orzinski Lake	975	%	0.0	0.9	0.7	1.1	6.6	7.6	0.0	13.2	65.0	0.0	0.0	4.6	0.4	0.0	0.0	100.0	
		no.	0	390	287	454	2,842	3,249	0	5,659	27,836	0	0	1,952	181	0	0	42,849 ^a	
Nelson River	1,280	%	0.1	4.4	0.1	0.6	4.4	2.7	0.0	3.9	71.1	0.1	0.0	10.3	2.3	0.0	0.1	100.0	
		no.	234	13,986	234	1,784	13,744	8,623	0	12,170	224,471	234	0	32,559	7,375	0	278	0	315,693 ^a
Sandy River	923	%	0.0	1.7	0.0	1.3	64.2	0.1	0.0	16.8	11.3	0.0	0.5	4.0	0.1	0.0	0.0	100.0	
		no.	0	815	0	654	31,464	37	0	8,235	5,519	0	259	1,982	37	0	0	0	49,000 ^a
Bear Lake	1,863	%	0.0	0.6	0.1	0.4	2.2	7.2	0.0	0.4	65.5	0.0	0.2	22.3	0.7	0.2	0.0	100.0	
		no.	0	1,761	206	1,218	6,167	19,873	0	1,068	180,108	69	520	61,431	1,992	520	0	69	275,000 ^a
Ililik River	1,198	%	0.0	0.7	0.0	7.5	24.6	0.1	20.3	18.2	13.0	0.0	3.4	9.9	0.0	2.3	0.1	0.0	100.0
		no.	0	282	0	3,220	10,568	47	8,727	7,836	5,605	0	1,466	4,241	0	974	33	0	43,000 ^a
Totals	6,239	%	0.0	2.4	0.1	1.0	8.9	4.4	1.2	4.8	61.1	0.0	0.3	14.1	1.3	0.2	0.0	100	
		no.	234	17,234	727	7,331	64,785	31,828	8,727	34,968	443,539	303	2,244	102,164	9,585	1,493	311	69	725,542

^a Escapement count includes a post-weir estimate.

Table 4. Estimated age composition of Orzinski Lake sockeye salmon escapement by week, 2002.

Week	Sample Size	Ages										Total
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2		
24 6/07-6/13	0	Percent	0.0	0.7	1.4	5.8	7.1	23.5	59.5	1.7	0.3	100.0
		Numbers	0	0	0	0	0	1	2	0	0	4
25 6/14-6/20	0	Percent	0.0	0.7	1.4	5.8	7.1	23.5	59.5	1.7	0.3	100.0
		Numbers	0	2	3	13	16	54	136	4	1	228
26 6/21-6/27	0	Percent	0.0	0.7	1.4	5.8	7.1	23.5	59.5	1.7	0.3	100.0
		Numbers	0	29	59	249	307	1,009	2,560	73	15	4,300
27 6/28-7/04	294	Percent	0.1	0.6	1.2	6.0	6.8	23.0	60.2	1.6	0.3	100.0
		Numbers	12	61	122	592	668	2,255	5,901	158	30	9,799
28 7/05-7/11	148	Percent	1.3	0.3	0.3	8.5	5.0	17.4	66.2	0.8	0.3	100.0
		Numbers	77	18	20	507	294	1,035	3,933	45	15	5,944
29 7/12-7/18	306	Percent	2.3	1.3	0.8	9.9	9.8	7.6	66.6	0.5	1.2	100.0
		Numbers	209	116	73	891	881	686	6,002	43	107	9,007
30 7/19-7/25	152	Percent	1.7	1.1	1.3	7.0	10.0	5.4	67.4	5.8	0.3	100.0
		Numbers	91	60	66	363	522	283	3,512	303	13	5,214
31 7/26-8/01	75	Percent	0.0	0.0	1.3	2.7	6.7	4.0	69.3	15.9	0.0	100.0
		Numbers	2	1	111	227	561	336	5,789	1,326	0	8,353 ^a
Total	975	Percent	0.9	0.7	1.1	6.6	7.6	13.2	65.0	4.6	0.4	100.0
		Numbers	390	287	454	2,842	3,249	5,659	27,836	1,952	181	42,849

^a Escapement count includes a post-weir estimate of 5,570 fish (8/01).

Table 5. Estimated age composition of Nelson River sockeye salmon escapement by week, 2002.

Week	Sample Size	Ages													Total
		0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3		
23 5/31-6/06	0	Percent	0.0	2.0	0.0	3.4	8.7	0.0	14.1	36.9	0.0	34.9	0.0	0.0	100.0
		Numbers	0	2	0	4	10	0	16	41	0	39	0	0	112
24 6/07-6/13	149	Percent	0.0	2.1	0.0	2.8	9.2	0.1	12.7	42.1	0.0	30.7	0.2	0.0	100.0
		Numbers	0	160	0	208	684	8	944	3,135	0	2,288	17	0	7,444
25 6/14-6/20	239	Percent	0.0	2.6	0.0	1.3	9.6	0.3	9.1	56.1	0.0	20.3	0.6	0.0	100.0
		Numbers	0	672	0	355	2,528	84	2,409	14,776	0	5,343	168	0	26,335
26 6/21-6/27	180	Percent	0.0	3.6	0.0	0.1	5.6	0.2	6.3	71.1	0.0	12.5	0.6	0.0	100.0
		Numbers	0	2,059	0	71	3,243	107	3,665	41,084	0	7,233	324	28	57,813
27 6/28-7/04	287	Percent	0.0	5.3	0.0	0.1	5.0	1.1	2.9	75.1	0.0	7.0	3.2	0.3	100.0
		Numbers	0	3,941	0	109	3,707	820	2,196	56,109	0	5,253	2,387	201	74,723
28 7/05-7/11	212	Percent	0.0	4.8	0.0	0.8	2.4	2.3	2.0	76.4	0.0	7.8	3.3	0.0	100.0
		Numbers	25	4,921	25	801	2,470	2,315	2,048	77,759	25	7,982	3,336	50	101,755
29 7/12-7/18	213	Percent	0.4	4.7	0.4	0.5	2.3	10.6	1.9	67.1	0.4	9.2	2.5	0.0	100.0
		Numbers	104	1,182	104	132	577	2,665	473	16,874	104	2,322	618	0	25,155
30 7/19-7/25	0	Percent	0.5	4.7	0.5	0.5	2.3	11.7	1.9	65.7	0.5	9.4	2.3	0.0	100.0
		Numbers	105	1,050	105	105	525	2,624	420	14,694	105	2,099	525	0	22,356 ^a
Total	1,280	Percent	0.1	4.4	0.1	0.6	4.4	2.7	3.9	71.1	0.1	10.3	2.3	0.1	100.0
		Numbers	234	13,986	234	1,784	13,744	8,623	12,170	224,471	234	32,559	7,375	278	315,693

^a Escapement count includes a post-weir estimate of 12,308 fish (7/24).

Table 6. Estimated age composition of Sandy River sockeye salmon escapement by week, 2002.

Week	Sample Size		Ages									Total
			0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	
23 5/31-6/06	0	Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Numbers	0	0	0	0	0	0	0	0	0	0
24 6/07-6/13	0	Percent	3.6	0.0	75.0	0.0	7.1	12.5	0.0	1.8	0.0	100.0
		Numbers	3	0	53	0	5	9	0	1	0	70
25 6/14-6/20	56	Percent	3.5	0.0	74.6	0.0	7.5	12.5	0.0	1.9	0.0	100.0
		Numbers	164	0	3,527	0	353	590	2	90	0	4,727
26 6/21-6/27	213	Percent	1.1	0.3	64.9	0.0	15.5	12.6	1.0	4.8	0.0	100.0
		Numbers	53	14	3,251	0	774	629	48	238	0	5,007
27 6/28-7/04	210	Percent	1.2	1.7	60.1	0.0	18.3	13.0	0.2	5.5	0.0	100.0
		Numbers	243	335	11,894	0	3,614	2,564	46	1,082	0	19,778
28 7/05-7/11	232	Percent	2.3	1.4	64.9	0.0	18.9	8.6	0.8	3.0	0.0	100.0
		Numbers	281	177	8,106	5	2,366	1,079	97	376	5	12,492
29 7/12-7/18	212	Percent	1.1	1.8	66.9	0.4	16.3	9.3	0.9	2.8	0.4	100.0
		Numbers	41	68	2,486	16	608	345	35	104	16	3,719
30 7/19-7/25	0	Percent	0.9	1.9	67.0	0.5	16.0	9.4	0.9	2.8	0.5	100.0
		Numbers	30	61	2,148	15	514	303	30	91	15	3,207 ^a
Total	923	Percent	1.7	1.3	64.2	0.1	16.8	11.3	0.5	4.0	0.1	100.0
		Numbers	815	654	31,464	37	8,235	5,519	259	1,982	37	49,000

^a Escapement count includes a post-weir estimate of 2,202 fish (7/23).

Table 7. Estimated age composition of Bear Lake sockeye salmon escapement by week, 2002.

Week	Sample Size	Ages														Total
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.4		
23 5/31-6/06	0	Percent	0.0	0.0	0.0	0.4	0.0	2.2	89.8	0.0	0.0	7.1	0.4	0.0	0.0	100.0
		Numbers	0	0	0	8	0	38	1,524	0	0	121	8	0	0	1,698
24 6/07-6/13	225	Percent	0.0	0.0	0.0	0.6	0.2	1.8	89.9	0.0	0.0	7.2	0.3	0.0	0.0	100.0
		Numbers	0	0	0	33	14	100	5,134	0	0	411	19	0	0	5,711
25 6/14-6/20	215	Percent	0.0	0.0	0.0	0.9	1.8	0.5	86.7	0.0	0.1	9.8	0.0	0.1	0.0	100.0
		Numbers	0	0	0	209	400	122	19,778	0	22	2,244	4	22	0	22,800
26 6/21-6/27	211	Percent	0.1	0.0	0.0	1.0	4.5	0.5	75.7	0.0	0.4	17.4	0.0	0.4	0.0	100.0
		Numbers	5	0	0	104	451	47	7,597	0	38	1,750	0	38	0	10,031
27 6/28-7/04	223	Percent	0.5	0.0	0.1	2.1	2.4	0.4	82.3	0.0	0.0	12.1	0.1	0.0	0.0	100.0
		Numbers	333	0	48	1,385	1,552	288	53,205	0	3	7,817	48	3	0	64,682
28 7/05-7/11	234	Percent	0.8	0.3	0.4	3.6	5.8	0.3	73.1	0.1	0.1	15.0	0.3	0.1	0.1	100.0
		Numbers	169	56	92	804	1,296	77	16,293	19	19	3,343	73	19	19	22,277
29 7/12-7/18	231	Percent	0.6	1.0	0.4	2.9	15.3	0.1	63.7	0.3	0.4	14.3	0.0	0.4	0.3	100.0
		Numbers	61	109	46	316	1,645	10	6,830	36	46	1,531	5	46	36	10,719
30 7/19-7/25	226	Percent	1.2	0.2	0.5	1.6	11.5	0.4	58.6	0.1	0.8	24.3	0.1	0.8	0.1	100.0
		Numbers	257	41	103	353	2,503	80	12,803	14	173	5,310	14	173	14	21,837
31 7/26-8/01	0	Percent	1.1	0.0	0.8	1.8	8.4	0.3	53.6	0.0	0.6	32.2	0.8	0.6	0.0	100.0
		Numbers	263	0	191	449	2,044	67	13,064	0	134	7,849	185	134	0	24,380

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Table 7. Page 2 of 2.

Week	Sample Size		Ages													Total
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.4	
32 8/02-8/08	0	Percent	0.9	0.0	1.1	2.3	6.4	0.1	49.3	0.0	0.3	38.1	1.4	0.3	0.0	100.0
		Numbers	210	0	267	564	1,563	31	12,078	0	61	9,332	354	61	0	24,522
33 8/09-8/15	149	Percent	0.7	0.0	1.1	2.7	6.8	0.1	46.9	0.0	0.1	39.7	1.9	0.1	0.0	100.0
		Numbers	292	0	470	1,091	2,798	39	19,192	0	24	16,244	771	24	0	40,945
34 8/16-8/22	149	Percent	0.7	0.0	0.0	3.3	21.9	0.7	49.6	0.0	0.0	21.8	2.0	0.0	0.0	100.0
		Numbers	48	0	2	241	1,575	48	3,572	0	0	1,571	145	0	0	7,201
35 8/23-8/29	0	Percent	0.7	0.0	0.0	3.4	22.1	0.7	49.7	0.0	0.0	21.5	2.0	0.0	0.0	100.0
		Numbers	122	0	0	611	4,030	122	9,037	0	0	3,908	366	0	0	18,197 ^a
Total	1,863	Percent	0.6	0.1	0.4	2.2	7.2	0.4	65.5	0.0	0.2	22.3	0.7	0.2	0.0	100.0
		Numbers	1,761	206	1,218	6,167	19,873	1,068	180,108	69	520	61,431	1,992	520	69	275,000

^a Escapement count includes a post-weir estimate of 7,721 fish (8/26).

Table 8. Estimated age composition of Bear Lake early-run sockeye salmon escapement (through 31 July), 2002.

Week	Sample Size		Ages													Total
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.4	
23 5/31-6/06	0	Percent	0.0	0.0	0.0	0.4	0.0	2.2	89.8	0.0	0.0	7.1	0.4	0.0	0.0	100.0
		Numbers	0	0	0	8	0	38	1,524	0	0	121	8	0	0	1,698
24 6/07-6/13	225	Percent	0.0	0.0	0.0	0.6	0.2	1.8	89.9	0.0	0.0	7.2	0.3	0.0	0.0	100.0
		Numbers	0	0	0	33	14	100	5,134	0	0	411	19	0	0	5,711
25 6/14-6/20	215	Percent	0.0	0.0	0.0	0.9	1.8	0.5	86.7	0.0	0.1	9.8	0.0	0.1	0.0	100.0
		Numbers	0	0	0	209	400	122	19,778	0	22	2,244	4	22	0	22,800
26 6/21-6/27	211	Percent	0.1	0.0	0.0	1.0	4.5	0.5	75.7	0.0	0.4	17.4	0.0	0.4	0.0	100.0
		Numbers	5	0	0	104	451	47	7,597	0	38	1,750	0	38	0	10,031
27 6/28-7/04	223	Percent	0.5	0.0	0.1	2.1	2.4	0.4	82.3	0.0	0.0	12.1	0.1	0.0	0.0	100.0
		Numbers	333	0	48	1,385	1,552	288	53,205	0	3	7,817	48	3	0	64,682
28 7/05-7/11	234	Percent	0.8	0.3	0.4	3.6	5.8	0.3	73.1	0.1	0.1	15.0	0.3	0.1	0.1	100.0
		Numbers	169	56	92	804	1,296	77	16,293	19	19	3,343	73	19	19	22,277
29 7/12-7/18	231	Percent	0.6	1.0	0.4	2.9	15.3	0.1	63.7	0.3	0.4	14.3	0.0	0.4	0.3	100.0
		Numbers	61	109	46	316	1,645	10	6,830	36	46	1,531	5	46	36	10,719
30 7/19-7/25	226	Percent	1.2	0.2	0.5	1.6	11.5	0.4	58.6	0.1	0.8	24.3	0.1	0.8	0.1	100.0
		Numbers	257	41	103	353	2,503	80	12,803	14	173	5,310	14	173	14	21,837
31 7/26-7/31	0	Percent	1.1	0.0	0.8	1.8	8.5	0.3	53.9	0.0	0.6	31.8	0.7	0.6	0.0	100.0
		Numbers	216	0	150	357	1,681	56	10,628	0	113	6,271	141	113	0	19,725
Total	1,863	Percent	0.6	0.1	0.2	2.0	5.3	0.5	74.5	0.0	0.2	16.0	0.2	0.2	0.0	100.0
		Numbers	1,041	206	439	3,569	9,543	818	133,792	69	413	28,798	311	413	69	179,480

Table 9. Estimated age composition of Bear Lake late-run sockeye salmon escapement (post 31 July), 2002.

Week	Sample Size	Ages										Total	
		0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4		
31 8/01	0	Percent	1.0	0.9	2.0	7.8	0.2	52.3	0.5	33.9	1.0	0.5	100.0
		Numbers	47	41	92	363	11	2,436	22	1,578	45	22	4,655
32 8/02-8/08	0	Percent	0.9	1.1	2.3	6.4	0.1	49.3	0.3	38.1	1.4	0.3	100.0
		Numbers	210	267	564	1,563	31	12,078	61	9,332	354	61	24,522
33 8/09-8/15	149	Percent	0.7	1.1	2.7	6.8	0.1	46.9	0.1	39.7	1.9	0.1	100.0
		Numbers	292	470	1,091	2,798	39	19,192	24	16,244	771	24	40,945
34 8/16-8/22	149	Percent	0.7	0.0	3.3	21.9	0.7	49.6	0.0	21.8	2.0	0.0	100.0
		Numbers	48	2	241	1,575	48	3,572	0	1,571	145	0	7,201
35 8/23-8/29	0	Percent	0.7	0.0	3.4	22.1	0.7	49.7	0.0	21.5	2.0	0.0	100.0
		Numbers	122	0	611	4,030	122	9,037	0	3,908	366	0	18,197 ^a
Total	1863	Percent	0.8	0.8	2.7	10.8	0.3	48.5	0.1	34.2	1.8	0.1	100.0
		Numbers	720	779	2,598	10,330	251	46,316	107	32,633	1,681	107	95,520

^a Escapement count includes a post-weir estimate of 7,721 fish (8/26).

Table 10. Estimated age composition of Ilnik River sockeye salmon escapement by week, 2002.

Week	Sample Size	Ages												Total
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	3.3	Total	
22 5/24-5/30	0	Percent	0.0	5.5	3.1	0.0	63.8	13.4	1.6	2.4	10.2	0.0	0.0	100.0
		Numbers	0	6	3	0	70	15	2	3	11	0	0	110
23 5/31-6/06	127	Percent	0.0	5.3	3.5	0.0	61.9	14.0	1.8	2.2	11.0	0.2	0.0	100.0
		Numbers	0	230	150	0	2,669	604	77	94	475	10	0	4,309
24 6/07-6/13	92	Percent	0.0	3.5	7.4	0.0	40.7	20.8	4.4	1.0	19.1	3.0	0.1	100.0
		Numbers	0	184	384	0	2,122	1,086	231	52	996	154	4	5,213
25 6/14-6/20	211	Percent	0.1	4.3	11.3	0.0	27.4	22.7	8.5	4.5	17.2	3.8	0.4	100.0
		Numbers	5	276	733	0	1,779	1,473	551	291	1,117	245	25	6,496
26 6/21-6/27	209	Percent	0.6	9.8	19.2	0.0	12.3	25.2	14.0	4.5	10.7	3.7	0.1	100.0
		Numbers	55	907	1,786	0	1,146	2,341	1,303	421	991	345	5	9,299
27 6/28-7/04	208	Percent	1.8	17.1	23.9	0.1	9.1	25.4	8.4	5.3	6.4	2.5	0.0	100.0
		Numbers	125	1,191	1,662	10	634	1,767	582	370	447	173	0	6,963
28 7/05-7/11	136	Percent	1.3	5.8	50.9	0.5	4.4	7.8	22.6	3.2	2.7	0.7	0.0	100.0
		Numbers	82	370	3,253	35	282	499	1,441	206	176	44	0	6,388
29 7/12-7/18	203	Percent	0.5	1.9	55.7	0.1	0.8	1.8	37.3	1.0	0.9	0.1	0.0	100.0
		Numbers	14	56	1,638	2	24	52	1,098	30	28	2	0	2,943
30 7/19-7/25	12	Percent	0.0	0.0	75.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	100.0
		Numbers	0	0	959	0	0	0	320	0	0	0	0	1,279 ^a
Total	1,198	Percent	0.7	7.5	24.6	0.1	20.3	18.2	13.0	3.4	9.9	2.3	0.1	100.0
		Numbers	282	3,220	10,568	47	8,727	7,836	5,605	1,466	4,241	974	33	43,000

^a Escapement count includes a post-weir estimate of 1,003 fish (7/20).

Table 11. Length composition of Orzinski Lake sockeye salmon escapement samples by age and sex, 2002.

	Ages									
	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	3.2	Total
Females										
Mean Length	491	565	NA	499	564	NA	495	574	488	510
SE	7	5	NA	4	3	NA	1	5	13	2
Range	460-505	543-580	NA	465-540	475-600	NA	400-594	530-625	463-503	400-625
Sample Size	6	6	0	27	72	0	318	17	3	449
Males										
Mean Length	479	560	350	463	591	365	476	606	485	469
SE	21	38	6	5	5	2	2	5	24	3
Range	405-560	450-612	325-383	425-557	440-640	315-406	403-630	590-625	450-530	315-640
Sample Size	7	4	9	48	51	82	314	8	3	526
All Fish										
Mean Length	485	563	350	476	575	365	486	585	486	488
SE	12	14	6	4	3	2	1	5	12	2
Range	405-560	450-612	325-383	425-557	440-640	315-406	400-630	530-625	450-530	315-640
Sample Size	13	10	9	75	123	82	632	25	6	975

Table 12. Length composition of Nelson River sockeye salmon escapement samples by age and sex, 2002.

	Ages												
	0.1	0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	3.1	3.2	3.3	Total
Females													
Mean Length	0	515	558	NA	499	561	0	508	561	NA	503	560	529
SE	NA	9	9	NA	10	3	NA	2	3	NA	8	NA	2
Range	0-0	458-557	522-583	NA	448-527	506-598	0-0	422-587	452-618	NA	463-534	560-560	422-618
Sample Size	0	10	7	0	7	38	0	191	96	0	9	1	359
Males													
Mean Length	354	453	548	339	446	594	353	457	591	375	470	NA	469
SE	NA	6	29	NA	4	6	3	1	5	NA	10	NA	2
Range	354-354	389-564	461-583	339-339	402-558	493-646	321-411	245-592	456-658	375-375	419-557	NA	245-658
Sample Size	1	41	4	1	65	32	33	648	80	1	15	0	921
All Fish													
Mean Length	354	465	554	339	451	576	353	469	574	375	482	560	486
SE	NA	6	11	NA	4	4	3	1	3	NA	7	NA	2
Range	354-354	389-564	461-583	339-339	402-558	493-646	321-411	245-592	452-658	375-375	419-557	560-560	245-658
Sample Size	1	51	11	1	72	70	33	839	176	1	24	1	1,280

Table 13. Length composition of Sandy River sockeye salmon escapement samples by age and sex, 2002.

	Ages									
	0.2	0.3	1.2	1.3	1.4	2.1	2.2	2.3	3.2	Total
Females										
Mean Length	466	543	485	552	588	NA	496	560	505	511
SE	19	6	2	3	17	NA	6	4	NA	2
Range	435-515	515-570	415-595	425-620	568-621	NA	435-591	520-595	505-505	415-621
Sample Size	4	8	184	101	3	0	33	21	1	355
Males										
Mean Length	440	578	466	574	591	355	463	594	NA	481
SE	13	31	2	7	33	NA	5	10	NA	3
Range	380-500	516-615	395-610	405-650	500-645	355-355	410-590	520-660	NA	355-660
Sample Size	9	3	411	56	4	1	68	16	0	568
All Fish										
Mean Length	448	553	472	560	589	355	474	575	505	493
SE	11	10	2	3	19	NA	4	5	NA	2
Range	380-515	515-615	395-610	405-650	500-645	355-355	410-591	520-660	505-505	355-660
Sample Size	13	11	595	157	7	1	101	37	1	923

Table 14. Length composition of Bear Lake early-run sockeye salmon escapement (through 31 July) samples by age and sex, 2002.

	Ages													
	0.2	0.3	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.1	3.2	3.4	Total
Females														
Mean Length	510	545	NA	490	542	590	365	490	556	550	NA	NA	NA	510
SE	5	75	NA	13	4	NA	NA	2	3	NA	NA	NA	NA	2
Range	500-515	470-620	NA	465-505	530-550	590-590	365-365	415-600	425-600	550-550	NA	NA	NA	365-620
Sample Size	3	2	0	3	4	1	1	270	113	1	0	0	0	398
Males														
Mean Length	461	500	351	459	540	608	360	466	566	588	405	460	605	468
SE	9	NA	12	5	20	7	2	1	4	19	NA	0	NA	2
Range	445-485	500-500	340-375	420-505	475-605	595-615	315-435	370-590	415-640	560-625	405-405	460-460	605-605	315-640
Sample Size	4	1	3	25	6	3	89	920	109	3	1	2	1	1,167
All Fish														
Mean Length	482	530	351	462	541	603	360	471	560	578	405	460	605	478
SE	11	46	12	5	12	7	2	1	2	17	NA	0	NA	1
Range	445-515	470-620	340-375	420-505	475-605	590-615	315-435	370-600	415-640	550-625	405-405	460-460	605-605	315-640
Sample Size	7	3	3	28	10	4	90	1,190	222	4	1	2	1	1,565

Table 15. Length composition of Bear Lake late-run sockeye salmon escapement (post 31 July) samples by age and sex, 2002.

	Ages								
	0.2	0.3	1.2	1.3	2.1	2.2	2.3	3.2	Total
Females									
Mean Length	NA	NA	460	565	NA	475	552	520	507
SE	NA	NA	10	NA	NA	3	3	16	4
Range	NA	NA	440-470	565-565	NA	420-530	510-590	495-550	420-590
Sample Size	0	0	3	1	0	58	41	3	106
Males									
Mean Length	480	535	466	NA	367	473	543	470	471
SE	10	5	10	NA	2	4	5	21	5
Range	470-490	530-540	435-500	NA	325-400	410-545	445-610	430-500	325-610
Sample Size	2	2	6	0	40	85	55	3	193
All Fish									
Mean Length	480	535	464	565	367	474	547	495	484
SE	10	5	7	NA	2	3	3	16	4
Range	470-490	530-540	435-500	565-565	325-400	410-545	445-610	430-550	325-610
Sample Size	2	2	9	1	40	143	96	6	299

Table 16. Length composition of Ilnik River sockeye salmon escapement samples by age and sex, 2002.

	Ages											
	0.2	0.3	0.4	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.3	Total
Females												
Mean Length	485	545	571	490	546	563	NA	492	539	560	NA	532
SE	NA	3	2	3	3	8	NA	3	3	6	NA	2
Range	485-485	498-593	536-665	419-585	433-733	438-608	NA	404-537	437-578	507-590	NA	404-733
Sample Size	1	45	93	97	112	20	0	75	57	13	0	513
Males												
Mean Length	417	568	601	484	580	602	400	495	579	602	562	542
SE	7	7	2	3	3	5	NA	4	3	4	NA	2
Range	398-452	416-635	507-671	380-593	455-692	538-645	400-400	407-593	533-619	586-625	562-562	380-692
Sample Size	7	45	137	194	100	21	1	108	56	13	1	683
All Fish												
Mean Length	425	557	588	486	562	583	400	494	558	581	562	538
SE	11	4	2	2	2	6	NA	3	3	5	NA	2
Range	398-485	416-635	507-671	380-593	433-733	438-645	400-400	404-593	437-619	507-625	562-562	380-733
Sample Size	8	90	231	291	212	41	1	183	113	26	1	1,197

Table 17. Estimated sex composition of Orzinski Lake sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement				
		Females	Males	Total	Percent		Number		
					Females	Males	Females	Males	Total
24	6/07-6/13	0	0	0	32.2	67.8	1	3	4
25	6/14-6/20	0	0	0	32.2	67.8	73	155	228
26	6/21-6/27	0	0	0	32.2	67.8	1,384	2,916	4,300
27	6/28-7/04	103	217	320	34.2	65.8	3,349	6,450	9,799
28	7/05-7/11	88	72	160	50.5	49.5	2,999	2,945	5,944
29	7/12-7/18	150	170	320	49.2	50.8	4,429	4,578	9,007
30	7/19-7/25	90	70	160	55.2	44.8	2,878	2,336	5,214
31	7/26-8/01	47	33	80	58.7	41.3	4,905	3,448	8,353
Total		478	562	1,040	46.7	53.3	20,016	22,833	42,849

Table 18. Estimated sex composition of Nelson River sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
		Females	Males	Total	Percent		Number			Total
					Females	Males	Females	Males		
23	5/31-6/06	0	0	0	30.0	70.0	34	78	112	
24	6/07-6/13	48	112	160	27.2	72.8	2,022	5,422	7,444	
25	6/14-6/20	52	217	269	20.7	79.3	5,461	20,874	26,335	
26	6/21-6/27	42	161	203	19.8	80.2	11,432	46,381	57,813	
27	6/28-7/04	48	272	320	20.1	79.9	15,047	59,676	74,723	
28	7/05-7/11	109	131	240	41.1	58.9	41,857	59,898	101,755	
29	7/12-7/18	105	128	233	45.1	54.9	11,346	13,809	25,155	
30	7/19-7/25	0	0	0	45.1	54.9	10,075	12,281	22,356	
Total		404	1021	1,425	30.8	69.2	97,271	218,422	315,693	

Table 19. Estimated sex composition of Sandy River sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement				
		Females	Males	Total	Percent		Number		
					Females	Males	Females	Males	Total
23	5/31-6/06	0	0	0	0.0	0.0	0	0	0
24	6/07-6/13	0	0	0	5.9	94.1	4	66	70
25	6/14-6/20	4	64	68	6.4	93.6	302	4,425	4,727
26	6/21-6/27	50	190	240	22.8	77.2	1,140	3,867	5,007
27	6/28-7/04	122	118	240	48.1	51.9	9,523	10,255	19,778
28	7/05-7/11	117	144	261	45.5	54.5	5,680	6,812	12,492
29	7/12-7/18	107	133	240	44.6	55.4	1,659	2,060	3,719
30	7/19-7/25	0	0	0	44.6	55.4	1,430	1,777	3,207
Total		400	649	1,049	40.3	59.7	19,742	29,258	49,000

Table 20. Estimated sex composition of Bear River sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
		Females	Males	Total	Percent	Females	Males	Females	Males	Total
23	5/31-6/06	0	0	0	13.8	86.3	233	1,465	1,698	
24	6/07-6/13	33	207	240	12.4	87.6	710	5,001	5,711	
25	6/14-6/20	21	219	240	11.9	88.1	2,707	20,093	22,800	
26	6/21-6/27	56	184	240	23.5	76.5	2,362	7,669	10,031	
27	6/28-7/04	88	152	240	35.5	64.5	22,935	41,747	64,682	
28	7/05-7/11	73	167	240	29.6	70.4	6,596	15,681	22,277	
29	7/12-7/18	60	180	240	27.0	73.0	2,898	7,821	10,719	
30	7/19-7/25	93	147	240	36.9	63.1	8,051	13,786	21,837	
31	7/26-8/01	0	0	0	40.1	59.9	9,770	14,610	24,380	
32	8/02-8/08	33	47	80	40.9	59.1	10,022	14,500	24,522	
33	8/09-8/15	96	144	240	39.1	60.9	16,007	24,938	40,945	
34	8/16-8/22	45	115	160	28.3	71.7	2,039	5,162	7,201	
35	8/23-8/29	0	0	0	28.1	71.9	5,118	13,079	18,197	
Total		598	1,562	2,160	32.5	67.5	89,443	185,557	275,000	

Table 21. Estimated sex composition of Ilnik River sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
		Females	Males	Total	Percent		Number			
					Females	Males	Females	Males	Total	
22	5/24-5/30	0	0	0	39.4	60.6	43	67	110	
23	5/31-6/06	63	97	160	39.7	60.3	1,712	2,597	4,309	
24	6/07-6/13	50	63	113	42.6	57.4	2,223	2,990	5,213	
25	6/14-6/20	93	156	249	38.4	61.6	2,495	4,001	6,496	
26	6/21-6/27	108	148	256	42.8	57.2	3,979	5,320	9,299	
27	6/28-7/04	135	125	260	50.8	49.2	3,540	3,423	6,963	
28	7/05-7/11	78	86	164	46.4	53.6	2,961	3,427	6,388	
29	7/12-7/18	95	138	233	38.3	61.7	1,127	1,816	2,943	
30	7/19-7/25	4	11	15	26.7	73.3	341	938	1,279	
Total		626	824	1,450	42.8	57.2	18,425	24,575	43,000	

Table 22. Age composition of Blue Bill Lake sockeye salmon carcass otolith samples by day, 2002.

Date		Ages		Total
		1.3	1.4	
9/12/02	Numbers	74	16	90
	Percent	82	18	
10/1/02	Numbers	65	8	73
	Percent	89	11	
Total	Numbers	139	24	163
	Percent	85	15	

Table 23. Age composition of Outer Marker Lake sockeye salmon carcass otolith samples by day, 2002.

Date		Ages				Total
		1.2	1.3	1.4	2.3	
9/30/02	Numbers	1	53	22	1	77
	Percent	1	69	29	1	
10/2/02	Numbers	2	54	18	0	74
	Percent	3	73	24	0	
Total	Numbers	3	107	40	1	151
	Percent	2.0	71.0	26.0	1.0	100.0

Table 24. Age composition of Sandy River sockeye salmon smolt by week, 2002.

Stat Week	Sample Size		Ages					Total	
			0	1	2	3	4		
27	199	Numbers	7	190	2	0	0	199	
		Percent	3.5	95.5	1.0	0.0	0.0	100.0	
28	163	Numbers	6	157	0	0	0	163	
		Percent	3.7	96.3	0.0	0.0	0.0	100.0	
29	8	Numbers	6	2	0	0	0	8	
		Percent	75.0	25.0	0.0	0.0	0.0	100.0	
Total		Numbers	19	349	2	0	0	370	
		Percent	5.1	94.3	0.5	0.0	0.0	100.0	

Table 25. Length, weight, and condition factor of Sandy River sockeye salmon smolt samples, by age and week, 2002.

Age	Stat Week	Length			Weight			Condition		
		Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error
0	27	7	83.6	4.33	7	5.4	0.78	7	0.89	0.026
0	28	6	83.0	6.37	6	4.7	0.67	6	0.83	0.082
0	29	6	84.2	1.49	6	5.8	0.52	6	0.96	0.042
Total		19	83.6	2.46	19	5.3	0.39	19	0.90	0.031
1	27	189	98.5	0.35	189	9.0	0.10	189	0.95	0.008
1	28	157	97.7	0.31	157	8.4	0.09	157	0.90	0.007
1	29	2	96.5	0.50	2	8.5	0.60	2	0.94	0.052
Total		348	98.1	0.24	348	8.8	0.07	348	0.93	0.005
2	27	2	100.0	6.00	2	9.3	1.55	2	0.93	0.012
Total		2	100.0	6.00	2	9.3	1.55	2	0.93	0.012

Table 26. Age composition of Sandy River sockeye salmon smolt samples by year, 1995-2002.

Year	Sample Dates	Sample Size	Ages						Total	
			0	1	2	3	4			
1995	06/26-06/30	163	Percent	0.0	100.0	0.0	0.0	0.0	100	
			Numbers	0	163	0	0	0	163	
1996	06/18-07/17	231	Percent	84.4	15.6	0.0	0.0	0.0	100	
			Numbers	195	36	0	0	0	231	
1997	06/02-07/12	695	Percent	56.8	43.2	0.0	0.0	0.0	100	
			Numbers	395	300	0	0	0	695	
1998	06/24-07/08	77	Percent	0.0	97.4	2.6	0.0	0.0	100	
			Numbers	0	75	2	0	0	77	
1999	06/12-07/20	1,107	Percent	0.2	95.3	4.5	0.0	0.0	100	
			Numbers	2	1055	50	0	0	1,107	
2000	06/26-07/22	776	Percent	4.3	93.8	1.9	0.0	0.0	100	
			Numbers	33	728	15	0	0	776	
2001	06/18-06/27	405	Percent	0.0	98.8	1.2	0.0	0.0	100	
			Numbers	0	400	5	0	0	405	
2002	06/29-07/15	370	Percent	5.1	94.3	0.5	0.0	0.0	100	
			Numbers	19	349	2	0	0	370	
Total		3,824	Percent	16.8	81.2	1.9	0.0	0.0	100.0	
			Numbers	644	3,106	74	0	0	3,824	

Table 27. Age composition of Bear Lake sockeye salmon smolt, samples by week, 2002.

Stat Week	Sample Size		Ages					Total
			0	1	2	3	4	
21	44	Percent	0.0	0.0	97.7	2.3	0.0	100
		Numbers	0	0	43	1	0	44
22	40	Percent	0.0	15.0	85.0	0.0	0.0	100
		Numbers	0	6	34	0	0	40
23	39	Percent	0.0	15.4	84.6	0.0	0.0	100
		Numbers	0	6	33	0	0	39
24	243	Percent	0.0	26.3	72.0	1.6	0.0	100
		Numbers	0	64	175	4	0	243
25	360	Percent	0.0	51.7	46.9	1.4	0.0	100
		Numbers	0	186	169	5	0	360
26	480	Percent	0.0	71.7	26.2	2.1	0.0	100
		Numbers	0	344	126	10	0	480
27	400	Percent	0.2	74.0	23.8	2.0	0.0	100
		Numbers	1	296	95	8	0	400
28	360	Percent	0.0	86.4	13.3	0.3	0.0	100
		Numbers	0	311	48	1	0	360
29	200	Percent	0.0	88.5	10.5	1.0	0.0	100
		Numbers	0	177	21	2	0	200
30	200	Percent	0.5	97.0	2.5	0.0	0.0	100
		Numbers	1	194	5	0	0	200
31	200	Percent	0.0	97.5	2.5	0.0	0.0	100
		Numbers	0	195	5	0	0	200
32	199	Percent	0.0	98.0	2.0	0.0	0.0	100
		Numbers	0	195	4	0	0	199
33	80	Percent	0.0	100.0	0.0	0.0	0.0	100
		Numbers	0	80	0	0	0	80
34	86	Percent	0.0	98.8	1.2	0.0	0.0	100
		Numbers	0	85	1	0	0	86
Total	2,931	Percent	0.1	73.0	25.9	1.1	0.0	100.0
		Numbers	2	2,139	759	31	0	2,931

Table 28. Length, weight, and condition of Bear Lake sockeye salmon smolt samples, by age and week, 2002.

Age	Stat Week	Length			Weight			Condition		
		Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error
0	27	1	75.0	0.00	1	3.4	0.00	1	0.81	0.000
0	30	1	105.0	0.00	1	9.3	0.00	1	0.80	0.000
Total		2	90.0	15.00	2	6.4	2.95	2	0.80	0.001
1	22	6	96.8	6.94	6	8.6	2.04	6	0.84	0.052
1	23	6	109.0	3.81	6	11.5	1.10	6	0.88	0.022
1	24	64	106.4	0.96	64	11.1	0.30	64	0.91	0.008
1	25	186	107.7	0.63	186	12.1	0.20	186	0.95	0.005
1	26	343	110.9	0.39	343	12.8	0.14	343	0.93	0.003
1	27	296	108.9	0.41	296	12.8	0.12	296	0.99	0.006
1	28	311	113.6	0.39	311	14.7	0.16	311	0.99	0.004
1	29	177	119.2	0.62	177	16.9	0.29	177	0.99	0.006
1	30	194	118.5	0.40	194	15.8	0.16	194	0.95	0.005
1	31	195	115.4	0.73	195	14.8	0.28	195	0.94	0.004
1	32	195	116.5	0.62	195	15.6	0.24	195	0.97	0.004
1	33	80	119.1	0.78	80	15.9	0.34	80	0.93	0.008
1	34	85	114.1	0.87	84	14.2	0.34	84	0.95	0.006
Total		2,138	113.3	0.19	2,137	14.2	0.07	2,137	0.96	0.002
2	21	43	124.9	2.13	32	17.2	1.03	32	0.84	0.015
2	22	34	128.2	1.89	34	18.8	0.99	34	0.87	0.016
2	23	33	122.4	1.56	33	16.2	0.62	33	0.87	0.015
2	24	175	117.7	0.71	175	14.8	0.29	175	0.89	0.006
2	25	169	117.1	0.83	169	15.2	0.34	169	0.93	0.007
2	26	126	124.9	1.57	126	18.7	0.73	126	0.92	0.008
2	27	95	126.1	2.13	95	20.6	1.03	95	0.97	0.012
2	28	48	122.5	2.58	48	19.1	1.27	48	0.99	0.020
2	29	21	124.0	2.33	21	18.1	1.29	21	0.93	0.027
2	30	5	117.4	1.89	5	14.7	0.98	5	0.91	0.060
2	31	5	116.2	3.43	5	15.2	1.39	5	0.96	0.024
2	32	4	119.0	3.83	4	17.4	1.82	4	1.02	0.015
2	34	1	120.0	0.00	1	16.0	0.00	1	0.93	0.000
Total		759	121.4	0.52	748	17.0	0.25	748	0.92	0.004
3	21	1	150.0	0.00	1	30.7	0.00	1	0.91	0.000
3	24	4	133.8	9.20	4	24.1	4.22	4	0.98	0.039
3	25	5	137.2	4.28	5	24.9	2.08	5	0.96	0.014
3	26	10	148.8	4.95	10	31.6	2.85	10	0.94	0.022
3	27	8	162.1	5.48	8	38.2	2.62	8	0.90	0.034
3	28	1	172.0	0.00	1	39.2	0.00	1	0.77	0.000
3	29	2	185.5	10.50	2	61.2	7.30	2	0.96	0.048
Total		31	151.6	3.51	31	33.4	2.08	31	0.93	0.014

Table 29. Age composition of Bear Lake sockeye salmon smolt samples, 1967-2002.

Year	Sample Dates	Sample Size	Ages					Total	
			0	1	2	3	4		
1967	05/03-07/27	165	Percent	0.0	6.1	93.3	0.6	0.0	100.0
			Numbers	0	10	154	1	0	165
1968	06/01-08/24	626	Percent	0.2	24.0	75.9	0.0	0.0	100.0
			Numbers	1	150	475	0	0	626
1969	06/01-08/04	508	Percent	0.0	12.2	87.8	0.0	0.0	100.0
			Numbers	0	62	446	0	0	508
1970	05/17-08/08	603	Percent	0.0	7.8	92.2	0.0	0.0	100.0
			Numbers	0	47	556	0	0	603
1971	06/14-07/03	346	Percent	0.0	27.2	72.0	0.9	0.0	100.0
			Numbers	0	94	249	3	0	346
1972	06/08-06/20	168	Percent	0.0	9.5	90.5	0.0	0.0	100.0
			Numbers	0	16	152	0	0	168
1973	06/07-07/05	39	Percent	0.0	15.4	84.6	0.0	0.0	100.0
			Numbers	0	6	33	0	0	39
1974	06/15-08/23	77	Percent	0.0	29.9	70.1	0.0	0.0	100.0
			Numbers	0	23	54	0	0	77
1975	06/04-08/25	114	Percent	0.0	22.8	77.2	0.0	0.0	100.0
			Numbers	0	26	88	0	0	114
1978	05/29-08/01	80	Percent	0.0	30.0	70.0	0.0	0.0	100.0
			Numbers	0	24	56	0	0	80
1980	05/05-07/04	138	Percent	1.4	10.1	87.0	1.4	0.0	100.0
			Numbers	2	14	120	2	0	138
1986	05/30-07/16	1,016	Percent	0.4	1.9	95.0	2.8	0.0	100.0
			Numbers	4	19	965	28	0	1,016
1987	06/07-06/18	393	Percent	0.0	1.3	95.7	3.1	0.0	100.0
			Numbers	0	5	376	12	0	393
1988	05/29-08/22	2,056	Percent	0.5	52.4	46.8	0.2	0.0	99.9
			Numbers	11	1,078	963	4	0	2,056

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Year	Sample Dates	Sample Size	Ages					Total		
			0	1	2	3	4			
1989	05/31-07/29	1,584	Percent	0.8	26.2	72.9	0.1	0.0	100.0	
			Numbers	12	415	1,155	2	0	1,584	
1992	06/09-07/24	1,337	Percent	0.0	11.3	88.6	0.1	0.0	100.0	
			Numbers	0	151	1,184	2	0	1,337	
1993	06/01-08/02	1,587	Percent	0.0	7.6	92.3	0.1	0.0	100.0	
			Numbers	0	121	1,465	1	0	1,587	
1994	06/08-07/20	1,283	Percent	0.0	9.7	87.3	3.0	0.0	100.0	
			Numbers	0	125	1,120	38	0	1,283	
1995	06/15-07/23	1,021	Percent	0.1	12.0	87.8	0.1	0.0	100.0	
			Numbers	1	123	896	1	0	1,021	
1996	06/12-07/17	603	Percent	0.3	7.6	91.9	0.2	0.0	100.0	
			Numbers	2	46	554	1	0	603	
1997	06/23-08/15	1,240	Percent	0.1	43.7	56.1	0.1	0.0	100.0	
			Numbers	1	542	696	1	0	1,240	
1998	06/20-08/21	1,424	Percent	0.0	55.3	44.7	0.1	0.0	100.0	
			Numbers	0	787	636	1	0	1,424	
1999	06/13-08/24	2,057	Percent	0.0	1.6	97.9	0.5	0.0	100.0	
			Numbers	1	33	2,013	10	0	2,057	
2000	05/18-08/11	2,135	Percent	0.6	31.9	66.9	0.6	0.0	100.0	
			Numbers	12	682	1,428	12	1	2,135	
2001	05/23-08/09	1,917	Percent	0.4	40.5	54.1	4.9	0.0	99.9	
			Numbers	8	777	1,038	94	0	1,917	
2002	05/19-08/20	2,931	Percent	0.1	73.0	25.9	1.1	0.0	100.0	
			Numbers	2	2,139	759	31	0	2,931	
Total		25,448	Percent	0.2	29.5	69.3	1.0	0.0	100.0	
			Numbers	57	7,515	17,631	244	1	25,448	

Table 30. Alaska Peninsula Management Area commercial salmon harvest in numbers of fish by statistical area, section, and district, 2002.

Statistical Area	Section	Number of Salmon						
		Chinook	Sockeye	Coho	Pink	Chum	Total ^a	
<i>SOUTH PENINSULA</i>								
<i>SOUTHEASTERN DISTRICT</i>								
281-15	Kupreanof Point	14	2,087	295	6,377	1,040	9,813	
281-25	Stepovak Bay	182	81,428	17,345	127,389	17,520	243,864	
East Stepovak Section Total		196	83,515	17,640	133,766	18,560	253,677	
281-30	Stepovak Flats Section	0	0	0	0	0	0	
281-40	Grub Gulch/Clark Bay	147	15,211	325	41,887	5,980	63,550	
281-50	Orzinski Bay	22	31,874	32	24,753	1,586	58,267	
281-55	American Bay	29	12,005	525	14,346	1,995	28,900	
281-62	Chichagof Bay	41	24,004	207	14,802	1,883	40,937	
281-65	Suzy Creek	3	11,042	43	9,721	766	21,575	
281-67	Dorenoin Bay	0	0	0	0	0	0	
Northwest Stepovak Section Total		242	94,136	1,132	105,509	12,210	213,229	
281-70	Southwest Stepovak Section	101	34,301	7,926	157,193	9,602	209,123	
281-80	Balboa Bay Section	67	22,420	5,502	206,799	14,556	249,344	
281-90	Beaver Bay Section	0	48	1	400	58	507	

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Area	Section	Number of Salmon						Total ^a
		Chinook	Sockeye	Coho	Pink	Chum		
282-10	Popof Strait/Squaw Harbor	14	7,389	218	9,824	3,842	21,287	
282-11	Unga Cape/East Popof	4,963	235,340	139,324	305,114	265,221	949,962	
282-20	Acheredin Bay	17	4,970	64	1,917	605	7,573	
282-25	West Unga Island	32	14,500	1,759	2,822	2,189	21,302	
282-30	Outer Zachary Bay	0	244	0	614	776	1,634	
282-35	Inner Zachary Bay	2	612	12	3,091	2,354	6,071	
282-40	East Head/West Head	0	42	0	1	3	46	
282-42	Korovin Island	124	26,465	7,667	29,616	9,878	73,750	
282-65	Southeast Nagai Island	9	5,272	130	2,640	1,286	9,337	
282-70	Southwest Nagai Island	179	6,300	529	1,990	869	9,867	
282-75	Cape Horn/Porpoise Rocks	3	3,189	194	3,069	581	7,036	
282-80	East Nagai Strait	0	0	0	0	0	0	
Shumagin Islands Section Total		5,343	304,323	149,897	360,698	287,604	1,107,865	
<i>SOUTHEASTERN DISTRICT TOTAL</i>		5,949	538,743	182,098	964,365	342,590	2,033,745	
<i>SOUTH CENTRAL DISTRICT</i>								
283-15	Mino Creek - McGinty Point	0	0	0	0	0	0	
283-17	Coal Bay - South Cape Tolstoi	0	102	0	47,727	293	48,122	
Mino Cr. - Little Coal B. Section Total		0	102	0	47,727	293	48,122	
283-21	Northside Cape Tolstoi	0	280	0	405	40	725	
283-23	Eastside Pavlof Bay	1	758	61	441,224	8,141	450,185	

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Statistical		Number of Salmon					
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total ^a
East Pavlof Bay Section Total		1	1,038	61	441,629	8,181	450,910
283-24	Canoe Bay Section	0	0	0	48,663	28,222	76,885
283-25	Northwest Pavlof Bay	0	0	0	1,250	2,100	3,350
283-26	Long Beach/Ukolnoi	0	54	0	5,733	5,487	11,274
West Pavlof Bay Section Total		0	54	0	6,983	7,587	14,624
<i>SOUTH CENTRAL DISTRICT TOTAL</i>		1	1,194	61	545,002	44,283	590,541
<i>SOUTHWESTERN DISTRICT</i>							
284-36	Volcano Bay	0	0	1,510	67,062	111,880	180,452
284-37	Northside Dolgoi Island	3	14,695	4,773	28,705	5,652	53,828
284-38	South Dolgoi/Moss Cape	0	192	516	27,727	13,957	42,392
284-39	Poperechnoi Island	0	967	944	1,796	305	4,012
Volcano Bay Section Total		3	15,854	7,743	125,290	131,794	280,684
284-42	Belkofski Bay	2	1,282	4	197,426	27,590	226,304
284-45	King Cove	6	1,411	1	32,255	6,767	40,440
Belkofski Bay Section Total		8	2,693	5	229,681	34,357	266,744
284-55	Deer Island Section	0	7	2	217,330	5,014	222,353

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Statistical		Number of Salmon					
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total ^a
284-62	Outer Cold Bay	0	18,872	0	4	2,499	21,375
284-65	Lenard Harbor	0	2	0	3,853	28,700	32,555
284-67	Inner Cold Bay	0	2,983	1	128	10,219	13,331
Cold Bay Section Total		0	21,857	1	3,985	41,418	67,261
284-75	Thin Point Section	3	58,921	1,310	18,295	4,593	83,122
284-80	Morzhovoi Bay Section	0	24,323	0	11	1,440	25,774
284-90	Ikatan Bay Section	303	184,246	11,494	64,033	102,286	362,362
<i>SOUTHWESTERN DISTRICT TOTAL</i>		317	307,901	20,555	658,625	320,902	1,308,300
<i>UNIMAK DISTRICT</i>							
285-10	Sanak Island Section	0	244	0	464	0	708
285-20	Bird Island	6	15,575	0	0	11,893	27,474
285-30	Cape Lazaref	62	89,644	0	1,064	53,567	144,337
Otter Cove Section Total		68	105,219	0	1,064	65,460	171,811
285-40	Cape Lutke Section	64	81,931	3	856	45,795	128,649
<i>UNIMAK DISTRICT TOTAL</i>		132	187,394	3	2,384	111,255	301,168
<i>SOUTH PENINSULA TOTAL</i>		6,399	1,035,232	202,717	2,170,376	819,030	4,233,754

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Statistical		Number of Salmon					
Area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total ^a
<i>NORTH PENINSULA</i>							
<i>NORTHWESTERN DISTRICT</i>							
311-32	Urilia Bay Section	8	45,095	0	335	1,426	46,864
311-52	Swanson Lagoon Section	9	207	0	0	37	253
311-58	Outer Bechevin Bay	0	20,148	24	930	6,860	27,962
311-60	Inner Bechevin Bay	0	12	0	2,472	6,583	9,067
Bechevin Bay Section Total		0	20,160	24	3,402	13,443	37,029
312-20	Izembek Bay	0	16,540	0	0	2,950	19,490
312-40	Moffet Bay	0	840	1	41	3,983	4,865
Izembeck-Moffet Bay Section Total		0	17,380	1	41	6,933	24,355
<i>NORTHWESTERN DISTRICT TOTAL</i>		<i>17</i>	<i>82,842</i>	<i>25</i>	<i>3,778</i>	<i>21,839</i>	<i>108,501</i>
<i>NORTHERN DISTRICT</i>							
313-10	Black Hills Section	57	35,744	335	997	2,122	39,255
313-30	Nelson Lagoon Section	1,312	325,904	6,712	84	6,849	340,861
314-12	Port Moller Bight Section	0	873	29	22	110	1,034

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Area	Section	Number of Salmon						Total ^a
		Chinook	Sockeye	Coho	Pink	Chum		
314-30	Herendeen-Moller Bay Section	8	149	0	0	0	157	
315-11	Bear River	2,134	551,168	10,379	6,139	12,583	582,403	
315-20	Muddy River	60	45,102	2,701	1,793	869	50,525	
Bear River Section Total		2,194	596,270	13,080	7,932	13,452	632,928	
316-10	Three Hills Section	85	251,377	5,863	6,595	5,005	268,925	
316-20	Outside Ilnik	85	251,377	5,863	6,595	5,005	268,925	
316-25	Strogonoft Point	103	121,054	2,387	2,053	1,559	127,156	
Ilnik Section Total		188	372,431	8,250	8,648	6,564	396,081	
317-20	Inner Port Heiden Section	0	111	0	0	104	215	
318-20	Cinder River Section	76	1,548	320	0	0	1,944	
NORTHERN DISTRICT TOTAL		3,920	1,584,296	34,589	24,278	34,102	1,681,185	
NORTH PENINSULA TOTAL		3,937	1,667,138	34,614	28,056	55,941	1,789,686	
ALASKA PENINSULA AREA TOTAL		10,336	2,702,370	237,331	2,198,432	874,971	6,023,440	

^a Harvest numbers do not include test fish catches.

Table 31. Estimated age composition of sampled sockeye salmon catches by area and date, Alaska Peninsula Management Area, 2002.

Area	Sample Date	Ages																				Total
		Sample size	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	0.5	1.4	2.3	3.2	1.5	2.4	3.3	4.2	3.4	4.3	
Southeastern District Mainland																						100.0
		%	1.1	0.0	1.9	6.3	0.0	0.1	28.0	30.6	0.0	0.0	0.5	29.3	0.7	0.0	0.3	0.9	0.0	0.0	0.0	100.0
1,804		no.	1,648	0	2,874	9,331	0	119	41,371	45,101	0	0	805	43,155	1,104	64	403	1,348	64	55	54	147,495 ^a
Shumagin Islands Section																						100.0
		%	1.9	0.0	1.1	13.5	0.2	0.0	21.4	37.3	0.0	0.0	0.4	20.1	1.8	0.0	0.3	1.8	0.0	0.0	0.0	100.0
2,239		no.	1,329	19	781	9,542	160	0	15,126	26,401	19	0	306	14,217	1,282	0	196	1,292	0	0	14	70,685 ^a
Nelson Lagoon Section																						100.0
		%	3.0	0.0	2.0	10.1	0.0	0.0	7.6	43.5	0.0	0.0	0.1	26.3	6.8	0.0	0.1	0.5	0.0	0.0	0.0	100.0
2,260		no.	9,641	50	6,232	31,933	50	0	24,169	138,286	0	41	258	83,500	21,553	0	427	1,509	0	0	0	317,651 ^a
Harbor Point to Cape Seniavin																						100.0
		%	0.9	0.0	0.7	5.9	0.2	0.0	5.2	55.0	0.0	0.0	1.7	28.8	0.2	0.0	0.8	0.5	0.0	0.0	0.0	100.0
805		no.	1,142	0	891	7,102	279	55	6,262	66,542	0	0	2,033	34,805	279	0	947	557	0	0	0	120,894 ^a
Harbor Point to Strogonof Point																						100.0
		%	1.3	0.0	1.1	6.7	0.1	0.1	6.4	51.7	0.0	0.0	0.6	29.3	2.4	0.0	0.3	0.1	0.0	0.0	0.0	100.0
8,747		no.	11,706	0	9,761	61,809	533	998	58,513	476,309	0	0	5,238	269,667	22,316	0	2,629	959	0	117	0	920,555 ^a
Ilnik Section																						100.0
		%	1.1	0.0	2.2	5.2	0.0	0.7	11.6	45.7	0.0	0.0	1.0	30.3	0.8	0.0	1.0	0.3	0.0	0.0	0.0	100.0
1,556		no.	896	0	1,801	4,192	0	586	9,302	36,695	0	0	816	24,369	676	0	809	230	0	0	0	80,372 ^a
Total	%	1.6	0.0	1.3	7.5	0.1	0.1	9.3	47.6	0.0	0.0	0.6	28.3	2.8	0.0	0.3	0.4	0.0	0.0	0.0	0.0	100.0
17,411	no.	26,362	69	22,341	123,909	1,022	1,759	154,743	789,333	19	41	9,457	469,714	47,209	64	5,411	5,895	64	172	68	1,657,652	

^a Age composition estimates represent harvest from only a portion of the catch (see individual tables).

Table 32. Estimated age composition of Southeastern District Mainland (281-00 through 281-99) commercial sockeye salmon catch, weeks 27 through 32, 2002.

Week	Sample Size	Ages														Total		
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	1.5	2.4	3.3	4.2	3.4	4.3		
27 6/28-7/04	0	Percent	1.1	0.5	7.7	0.0	29.9	47.1	0.3	11.6	1.3	0.0	0.3	0.3	0.0	0.0	100.0	
		Numbers	187	94	1,356	0	5,283	8,322	47	2,057	234	0	47	47	0	0	17,673	
28 7/05-7/11	378	Percent	1.0	1.1	6.9	0.0	30.1	42.3	0.3	16.6	1.1	0.0	0.2	0.3	0.0	0.0	100.0	
		Numbers	504	539	3,302	0	14,478	20,370	160	8,001	527	0	105	133	0	0	48,118	
29 7/12-7/18	303	Percent	1.0	3.1	4.1	0.0	30.9	25.8	0.6	33.6	0.3	0.0	0.1	0.4	0.0	0.0	100.0	
		Numbers	217	677	894	2	6,698	5,595	124	7,278	68	2	18	80	2	0	21,655	
30 7/19-7/25	368	Percent	0.9	3.6	3.9	0.2	34.8	14.4	0.8	39.1	0.0	0.2	0.4	1.6	0.2	0.0	100.0	
		Numbers	253	1,066	1,139	62	10,286	4,242	228	11,537	3	62	127	460	62	0	29,530	
31 7/26-8/01	373	Percent	1.3	2.3	6.5	0.1	19.5	17.0	0.5	49.8	0.7	0.0	0.4	1.4	0.0	0.1	100.0	
		Numbers	177	312	871	12	2,612	2,277	70	6,686	94	0	60	188	0	12	48	13,420
32 8/02-8/08	382	Percent	1.8	1.1	10.3	0.3	11.8	25.1	1.0	44.4	1.0	0.0	0.3	2.6	0.0	0.3	0.0	100.0
		Numbers	311	186	1,768	44	2,014	4,295	176	7,596	177	0	46	441	0	44	2	17,099
Total	1,804	Percent	1.1	1.9	6.3	0.1	28.0	30.6	0.5	29.3	0.7	0.0	0.3	0.9	0.0	0.0	100.0	
		Numbers	1,648	2,874	9,331	119	41,371	45,101	805	43,155	1,104	64	403	1,348	64	55	54	147,495 ^a

^a Age composition estimates represent harvest during weeks 27 - 32. The total Southeastern District Mainland Section sockeye salmon harvest was 234,420.

Table 33. Estimated age composition of Shumagin Islands Section (282-00 through 282-99) commercial sockeye salmon catch, weeks 27 through 34, 2002.

Week	Sample Size	Ages														Total	
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	4.3		
27 7/1-7/04	0	Percent	2.8	0.0	1.1	17.5	0.0	29.4	33.1	0.0	0.3	13.6	0.3	0.3	1.7	0.0	100.0
		Numbers	41	0	17	261	0	439	493	0	4	203	4	4	25	0	1,490
28 7/05-7/11	360	Percent	2.6	0.0	1.1	16.9	0.0	28.5	33.0	0.0	0.3	15.0	0.6	0.3	1.7	0.0	100.0
		Numbers	595	0	265	3,905	0	6,569	7,617	0	74	3,454	137	64	392	0	23,072
29 7/12-7/18	375	Percent	1.8	0.0	1.2	14.4	0.0	24.2	33.1	0.0	0.6	20.8	1.7	0.3	1.9	0.0	100.0
		Numbers	439	0	307	3,602	0	6,038	8,265	0	141	5,207	434	73	471	0	24,978
30 7/19-7/25	370	Percent	1.4	0.0	0.6	11.9	0.0	19.4	35.4	0.0	1.3	26.2	0.9	0.5	2.4	0.0	100.0
		Numbers	78	0	35	675	0	1,102	2,011	0	72	1,491	54	29	135	0	5,682
31 7/26-8/01	383	Percent	1.2	0.0	0.9	9.9	0.4	10.4	39.4	0.0	0.1	32.7	3.3	0.2	1.5	0.1	100.0
		Numbers	41	0	29	336	15	356	1,341	0	2	1,115	112	7	52	2	3,407
32 8/02-8/08	369	Percent	0.9	0.0	1.1	7.5	1.1	5.9	51.0	0.0	0.2	26.4	4.0	0.1	1.5	0.2	100.0
		Numbers	49	2	56	397	58	314	2,700	2	11	1,399	211	3	79	11	5,292
33 8/09-8/15	382	Percent	1.3	0.2	1.0	5.4	1.3	4.6	58.7	0.2	0.0	20.0	4.9	0.2	2.0	0.0	100.0
		Numbers	78	15	64	333	79	279	3,593	15	1	1,224	299	15	125	1	6,121
34 8/16-8/22	0	Percent	1.3	0.3	1.0	5.2	1.3	4.5	59.4	0.3	0.0	19.4	5.0	0.3	2.1	0.0	100.0
		Numbers	8	2	7	34	8	29	382	2	0	125	32	2	13	0	643
Total	2,239	Percent	1.9	0.0	1.1	13.5	0.2	21.4	37.3	0.0	0.4	20.1	1.8	0.3	1.8	0.0	100.0
		Numbers	1,329	19	781	9,542	160	15,126	26,401	19	306	14,217	1,282	196	1,292	14	70,685 ^a

^a Age composition estimates represent harvest during weeks 27-34. The total Shumagin Islands Section sockeye salmon harvest was 304,323.

Table 34. Estimated age composition of Nelson Lagoon Section (313-30) commercial sockeye salmon catch through 1 August, 2002.

Week	Sample Size	Ages													Total		
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	0.5	1.4	2.3	3.2	2.4	3.3			
24 6/07-6/13	0	Percent	0.2	0.0	3.0	5.7	0.0	13.9	28.0	0.2	0.0	47.3	1.5	0.2	0.0	100.0	
		Numbers	6	0	74	142	0	345	696	6	0	1,177	37	6	0	2,489	
25 6/14-6/20	404	Percent	0.4	0.0	3.0	5.7	0.0	13.6	28.1	0.2	0.0	47.0	1.6	0.3	0.1	100.0	
		Numbers	58	0	402	756	0	1,799	3,709	28	0	6,210	213	33	10	13,217	
26 6/21-6/27	374	Percent	2.0	0.0	3.0	5.6	0.0	11.0	33.5	0.0	0.0	40.8	3.4	0.2	0.6	100.0	
		Numbers	1,006	0	1,528	2,893	0	5,628	17,222	7	0	20,929	1,752	103	289	51,358	
27 6/28-7/04	387	Percent	3.2	0.0	1.8	5.4	0.0	7.4	47.2	0.0	0.0	27.3	7.0	0.1	0.7	100.0	
		Numbers	3,560	0	1,958	5,985	0	8,175	52,500	0	43	30,355	7,772	70	752	111,169	
28 7/05-7/11	387	Percent	3.4	0.0	1.7	8.0	0.0	5.6	49.6	0.0	0.2	20.8	10.1	0.2	0.3	100.0	
		Numbers	3,546	11	1,809	8,282	11	5,805	51,564	0	214	21,639	10,462	214	353	103,909	
29 7/12-7/18	417	Percent	4.4	0.2	1.2	30.1	0.2	7.0	41.4	0.0	0.0	11.5	3.7	0.0	0.3	100.0	
		Numbers	770	34	218	5,256	34	1,229	7,234	0	2	2,019	643	2	45	17,485	
30 7/19-7/25	291	Percent	3.9	0.0	1.3	45.6	0.0	6.7	31.2	0.0	0.0	7.1	3.7	0.0	0.3	100.0	
		Numbers	364	4	124	4,212	4	615	2,885	0	0	658	341	0	30	9,238	
31 7/26-8/01	0	Percent	3.8	0.0	1.4	50.2	0.0	6.5	28.2	0.0	0.0	5.8	3.8	0.0	0.3	100.0	
		Numbers	332	0	121	4,408	0	574	2,476	0	0	513	332	0	30	8,786	
Total		Percent	3.0	0.0	2.0	10.1	0.0	7.6	43.5	0.0	0.1	26.3	6.8	0.1	0.5	100.0	
		Numbers	9,641	50	6,232	31,933	50	24,169	138,286	41	258	83,500	21,553	427	1,509	317,651 ^a	

^a Age composition estimates represent harvest through 8/1. The total Nelson Lagoon Section sockeye salmon harvest was 325,904.

Table 35. Estimated age composition of Harbor Point-Cape Seniavin (314-12 and 315-00 through 315-99) commercial sockeye salmon catch, weeks 24 through 26, 2002.

Week	Sample Size		Ages												Total
			0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
24 6/07-6/13	412	Percent	0.3	0.5	3.7	0.0	0.5	8.3	58.1	0.8	26.8	0.0	1.0	0.0	100.0
		Numbers	29	51	387	1	48	861	5,998	80	2,767	1	99	2	10,324
25-26 6/14-6/27	393	Percent	1.0	0.8	6.0	0.2	0.0	5.0	54.8	1.7	28.9	0.2	0.8	0.5	100.0
		Numbers	1,114	840	6,715	277	7	5,401	60,544	1,953	32,039	277	847	555	110,570
Total	805	Percent	0.9	0.7	5.9	0.2	0.0	5.2	55.0	1.7	28.8	0.2	0.8	0.5	100.0
		Numbers	1,142	891	7,102	279	55	6,262	66,542	2,033	34,805	279	947	557	120,894 ^a

^a Age composition estimates represent harvest during weeks 24-26. The total Harbor Point-Cape Seniavin Section sockeye salmon harvest was 597,143.

Table 36. Estimated age composition of Harbor Point-Stroganof Point (314-12 and 315-00 through 316-99) commercial sockeye salmon catch, weeks 26 through 36, 2002.

Week	Sample Size	Ages													Total	
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	3.4		
26 6/21-6/27	985	Percent	1.3	2.1	4.6	0.0	0.2	10.5	45.1	0.7	34.5	0.6	0.2	0.1	0.1	100.0
		Numbers	1,441	2,308	5,066	0	215	11,719	50,188	782	38,390	646	215	98	98	111,167
27 6/28-7/04	767	Percent	1.8	1.7	6.2	0.0	0.1	10.2	53.7	0.7	24.9	0.5	0.2	0.0	0.0	100.0
		Numbers	3,749	3,454	12,966	23	309	21,312	112,145	1,513	51,923	1,020	332	65	18	208,831
28 7/05-7/11	767	Percent	2.0	1.1	9.6	0.1	0.2	8.6	54.7	1.2	21.1	1.0	0.3	0.2	0.0	100.0
		Numbers	3,295	1,793	15,866	146	352	14,305	90,925	1,933	35,044	1,647	519	293	0	166,118
29 7/12-7/18	809	Percent	1.5	0.9	11.0	0.1	0.1	8.6	55.1	0.9	20.3	0.8	0.6	0.2	0.0	100.0
		Numbers	1,199	677	8,718	96	43	6,850	43,797	685	16,114	621	439	193	0	79,431
30 7/19-7/25	302	Percent	1.3	1.0	19.6	0.0	0.0	5.2	49.1	0.0	22.4	1.3	0.0	0.0	0.0	100.0
		Numbers	172	128	2,551	1	0	676	6,375	6	2,909	167	5	2	0	12,991
31 7/26-8/01	1,296	Percent	1.1	0.7	13.2	0.1	0.1	3.3	50.2	0.3	29.2	1.6	0.3	0.1	0.0	100.0
		Numbers	577	387	7,257	32	36	1,822	27,577	166	16,025	863	152	76	0	54,971
32 8/02-8/08	0	Percent	0.9	0.6	10.3	0.0	0.1	2.5	49.2	0.3	33.1	2.5	0.3	0.2	0.0	100.0
		Numbers	12	9	149	1	1	37	713	4	481	36	5	2	0	1,450
33 8/09-8/15	1,493	Percent	0.4	0.4	4.8	0.0	0.1	1.0	46.7	0.1	40.8	5.3	0.3	0.2	0.0	100.0
		Numbers	286	268	3,167	20	35	665	31,055	37	27,087	3,518	227	104	0	66,468
34 8/16-8/22	763	Percent	0.3	0.4	2.8	0.1	0.0	0.5	49.4	0.0	39.7	6.5	0.2	0.0	0.0	100.0
		Numbers	308	380	2,696	114	7	505	47,675	24	38,307	6,282	223	37	0	96,557
35 8/23-8/29	765	Percent	0.5	0.4	2.6	0.1	0.0	0.7	52.2	0.1	36.3	6.5	0.5	0.1	0.0	100.0
		Numbers	403	287	2,101	92	0	531	41,434	81	28,830	5,170	428	81	0	79,440
36 8/30-9/05	800	Percent	0.6	0.2	2.9	0.0	0.0	0.2	56.6	0.0	33.8	5.4	0.2	0.0	0.0	100.0
		Numbers	264	69	1,272	8	0	92	24,425	8	14,558	2,346	84	8	0	43,132
Total	8,747	Percent	1.3	1.1	6.7	0.1	0.1	6.4	51.7	0.6	29.3	2.4	0.3	0.1	0.0	100.0
		Numbers	11,706	9,761	61,809	533	998	58,513	476,309	5,238	269,667	22,316	2,629	959	117	920,555 ^a

^a Age composition estimates represent harvest from weeks 26-36. The total Harbor Point-Stroganof Point Section sockeye salmon harvest was 969,574.

Table 37. Estimated age composition of Ilnik Section (316-10 through 316-99) commercial sockeye salmon catch, weeks 26 through 27, 2002.

Week	Sample Size	Ages											Total		
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3			
26 6/21-6/27	775	Percent	0.7	2.0	5.2	0.3	13.1	45.2	0.4	31.0	1.1	0.8	0.1	100.0	
		Numbers	227	646	1,700	100	4,317	14,873	147	10,205	372	262	47	32,897	
27 6/28-7/04	781	Percent	1.4	2.4	5.2	1.0	10.5	46.0	1.4	29.8	0.6	1.2	0.4	100.0	
		Numbers	669	1,155	2,492	486	4,985	21,823	669	14,163	304	547	182	47,475	
Total		Percent	1.1	2.2	5.2	0.7	11.6	45.7	1.0	30.3	0.8	1.0	0.3	100.0	
		Numbers	896	1,801	4,192	586	9,302	36,695	816	24,369	676	809	230	80,372 ^a	

^a Age composition estimates represent harvest during weeks 26-27. The total Ilnik Section sockeye salmon harvest was 121,054.

Table 38. Age composition of Black Hills Section (313-10) and Nelson Lagoon Section (313-30) mixed commercial sockeye salmon catch samples by day, 2002.

Date		Ages									Total
		0.2	0.3	1.1	1.2	1.3	2.2	2.3	2.4	3.2	
7/24/02	Numbers	3	0	0	29	8	27	4	0	1	72
	Percent	4	0	0	40	11	38	6	0	1	
7/29/02	Numbers	2	2	1	144	11	91	6	0	3	260
	Percent	1	1	0	55	4	35	2	0	1	
7/30/02	Numbers	3	2	0	59	12	32	5	0	0	113
	Percent	3	2	0	52	11	28	4	0	0	
8/5/02	Numbers	12	1	0	143	22	184	21	0	4	387
	Percent	3	0	0	37	6	48	5	0	1	
8/12/02	Numbers	6	0	0	84	4	93	15	0	3	205
	Percent	3	0	0	41	2	45	7	0	1	
8/14/02	Numbers	1	1	0	85	6	83	12	1	3	192
	Percent	1	1	0	44	3	43	6	1	2	
Total	Numbers	27	6	1	544	63	510	63	1	14	1,229
	Percent	2.0	0.0	0.0	44.0	5.0	41.0	5.0	0.0	1.0	

Table 39. Age composition of Bear River test fishery commercial sockeye salmon catch samples, by day, 2002.

Date		Ages												Total
		0.2	0.3	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.2	3.3	
7/20/02	Numbers	6	4	1	34	22	2	1	145	147	9	4	1	376
	Percent	2.0	1.0	0.0	9.0	6.0	1.0	0.0	39.0	39.0	2.0	1.0	0.0	
7/23/02	Numbers	3	3	0	23	8	1	0	201	140	4	2	1	386
	Percent	1.0	1.0	0.0	6.0	2.0	0.0	0.0	52.0	36.0	1.0	1.0	0.0	
8/7/02	Numbers	4	4	0	7	4	0	0	126	231	1	9	1	387
	Percent	1.0	1.0	0.0	2.0	1.0	0.0	0.0	33.0	60.0	0.0	2.0	0.0	
8/8/02	Numbers	1	4	0	9	4	0	0	175	168	0	15	0	376
	Percent	0.0	1.0	0.0	2.0	1.0	0.0	0.0	47.0	45.0	0.0	4.0	0.0	
Total	Numbers	14	15	1	73	38	3	1	647	686	14	30	3	1,525
	Percent	1.0	1.0	0.0	5.0	2.0	0.0	0.0	42.0	45.0	1.0	2.0	0.0	100.0

Table 40. Estimated age composition of sampled coho salmon catches by area and date, Alaska Peninsula Management Area, 2002.

Area Dates	Sample Size	Ages					Total
		0.1	1.1	2.1	3.1	4.1	
<i>Harbor Point to Stroganof Point</i>							
8/16-8/29	595	Percent	0.3	23.9	70.3	5.5	0.0 100.0
		Numbers	42	2,988	8,796	692	0 12,517 ^a
<i>Nelson Lagoon</i>							
8/16-8/22	70	Percent	0.0	34.3	62.9	2.9	0.0 100.0
		Numbers	0	967	1,773	80.6	0 2,821 ^a
<i>Shumagin Islands Section</i>							
7/26-8/01	588	Percent	0.0	19.6	74.5	5.7	0.2 100.0
		Numbers	0	9,114	34,590	2,631.6357	84.3349 46,420 ^a
Total	1,253	Percent	0.1	21.2	73.1	5.5	0.1 100
		Numbers	42	13,069	45,159	3,404	84 61,758

^a Age composition estimates represent harvest from only a portion of the catch (see individual tables).

Table 41. Estimated age composition of Harbor Point-Strogonof Point (314-12 and 315-00 through 316-99) commercial salmon catch, weeks 34 through 35, 2002.

Week	Sample Size		Ages				Total
			0.1	1.1	2.1	3.1	
34 8/16-8/22	299	Percent	0.3	26.4	66.2	7.0	100.0
		Numbers	20	1,565	3,922	414	5,921
35 8/23-8/29	296	Percent	0.3	21.6	73.9	4.2	100.0
		Numbers	22	1,422	4,874	278	6,596
Total	595	Percent	0.3	23.9	70.3	5.5	100.0
		Numbers	42	2,988	8,796	692	12,517 ^a

^a Age composition estimates represent harvest from weeks 34-35. The total Harbor Point-Strogonof Point Section coho salmon harvest was 21,359.

Table 42. Estimated age composition of Nelson Lagoon Section (313-30) commercial coho salmon catch, week 34, 2002.

Week	Sample Size	Ages			Total	
		1.1	2.1	3.1		
34 8/16-8/22	70	Percent	34.3	62.9	2.9	100.0
		Numbers	967	1,773	81	2,821
Total	70	Percent	34.3	62.9	2.9	100.0
		Numbers	967	1,773	81	2,821 ^a

^a Age composition estimates represent harvest from week 34. The total Nelson Lagoon Section coho salmon harvest was 6,712.

Table 43. Estimated age composition of Shumagin Islands Section (282-00 through 282-99) commercial coho salmon catch, weeks 30 through 31, 2002.

Week	Sample Size	Ages				Total		
		1.1	2.1	3.1	4.1			
30 7/19-7/25	293	Percent	18.9	75.9	5.1	0.1	100.0	
		Numbers	5,076	20,422	1,374	18	26,890	
31 7/26-8/01	295	Percent	20.7	72.5	6.4	0.3	100.0	
		Numbers	4,038	14,168	1,258	66	19,530	
Total		Percent	19.6	74.5	5.7	0.2	100.0	
		Numbers	9,114	34,590	2,632	84	46,420 ^a	

^a Age composition estimates represent harvest from week 30-31. The total Shumagin Islands Section coho salmon harvest was 149,897.

Table 44. Estimated age composition of Harbor Point-Strogonof Point (314-12 and 315-00 through 316-99) commercial chum salmon catch, weeks 28 through 31, 2002.

Week	Sample Size		Ages				Total	
			0.2	0.3	0.4	0.5		
28 7/05-7/11	386	Percent	2.2	47.8	44.5	5.5	100.0	
		Numbers	72	1,574	1,466	180	3,292	
29 7/12-7/18	430	Percent	3.9	63.0	30.7	2.4	100.0	
		Numbers	311	4,990	2,429	192	7,921	
30 7/19-7/25	0	Percent	12.7	66.3	18.5	2.5	100.0	
		Numbers	115	601	168	22	906	
31 7/26-8/01	255	Percent	16.1	66.6	14.6	2.7	100.0	
		Numbers	623	2,579	565	104	3,872	
Total		Percent	7.0	60.9	28.9	3.1	100.0	
		Numbers	1,121	9,744	4,628	498	15,991 ^a	

^a Age composition estimates represent harvest from weeks 28-31. The total Harbor Point-Strogonof Point Section chum salmon harvest was 20,126.

Table 45. Nelson River sockeye salmon escapement, estimated catch by area, and estimated total run, by age, 2002.

		Sample Size	Ages															Total
			0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	0.5	1.4	3.1	2.3	3.2	2.4	3.3	
Escapement	1,280	Percent	0.1	4.4	0.1	0.6	4.4	2.7	3.9	71.1	0.0	0.0	0.1	10.3	2.3	0.0	0.1	100.0
		Numbers	234	13,986	234	1,784	13,743	8,623	12,169	224,472	0	0	234	32,557	7,376	0	278	315,689
Catch	2,260	Percent	0.0	3.1	0.0	1.9	11.1	0.0	7.6	43.1	0.0	0.1	0.0	25.8	6.7	0.1	0.5	100.0
		Numbers	0	9,906	50	6,321	35,997	50	24,601	139,920	41	258	0	83,585	21,764	427	1,527	324,446
Total	3,540	Percent ^a	0.0	3.7	0.0	1.3	7.8	1.4	5.7	56.9	0.0	0.0	0.0	18.1	4.6	0.1	0.3	100.0
		Numbers ^b	234	23,892	284	8,105	49,739	8,673	36,770	364,391	41	258	234	116,142	29,140	427	1,805	640,135

^a Percentages may not total to 100% due to errors in rounding.

^b Includes post-weir estimate.

Table 46. Nelson River sockeye salmon brood table, 1978-2002.

Year	Escapement	Ages															Total Return	Return/ Spawner	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	1.5	2.4	3.3		
1978																101	2,942	779	
1979																542	0	701	170
1980									299	107,873	492,648	0	131	185,282	202	0	239	44	
1981	251,000				1,759	36,372	46,924	72	41,812	47,275	0	660	13,678	35	0	59	0		
1982	179,600		314	65	5,608	11,464	2,635	67	45,490	143,389	0	123	125,841	1,572	0	963	8	337,539	1.9
1983	128,800	0	852	0	5,740	43,856	23,711	244	72,682	53,532	0	936	66,102	210	0	2,964	2,751	273,580	2.1
1984	251,000	0	624	6,638	1,912	59,603	12,678	206	59,696	276,557	154	449	275,013	10,624	0	17	0	704,171	2.8
1985	314,000	0	168	671	976	77,339	8,037	171	110,618	238,924	0	0	109,028	0	0	1,632	46	547,610	1.7
1986	117,500	40	187	353	4,370	33,650	13	0	188,884	175,014	0	7,801	140,116	285	0	1,817	1,979	554,509	4.7
1987	155,700	0	57	0	1,588	71,043	4,221	143	112	151,270	0	2,986	287,652	7,874	0	3,054	288	530,288	3.4
1988	142,900	0	574	3,357	3,441	132,457	9,261	0	126,716	257,895	0	4,422	129,241	2,311	0	1,025	1,051	671,751	4.7
1989	206,800	0	520	394	3,029	21,813	8,550	0	42,705	422,926	333	510	129,324	2,124	0	104	0	632,332	3.1
1990	269,200	0	274	0	1,836	39,391	15,830	47	104,895	490,010	0	770	66,012	0	0	0	388	719,453	2.7
1991	279,200	0	43	57	850	27,591	29,153	13	93,773	397,612	0	1,059	117,254	0	0	0	0	667,405	2.4
1992	179,700	177	372	367	7,022	101,543	16,002	35	88,011	138,846	0	270	65,466	1,950	0	0	323	420,384	2.3
1993	262,200	0	588	696	6,168	32,200	0	0	101,468	68,567	0	757	43,961	0	0	247	822	255,474	1.0
1994	333,400	0	0	66	1,784	56,338	25,719	0	55,711	278,510	0	187	64,812	2,238	0	396	850	486,611	1.5
1995	338,700	0	408	1,225	9,053	40,189	8,048	45	40,011	159,412	0	443	59,776	0	0	427	1,805	320,842	0.9
1996	241,600	0	487	369	4,798	103,080	373	1,351	127,901	121,449	179	258	116,142	29,140					
1997	183,000	0	28	336	11,403	40,783	5,776	0	36,770	364,391	234								
1998	159,810	0	5,419	603	8,105	49,739	8,673												
1999	202,067	0	23,892	284															
2000	182,694	234																	
2001	201,962																		
2002	315,689																		
Ave. (1986-1995)	228,530	22	302	652	3,914	55,622	11,680	28	84,229	254,006	33	1,921	110,361	1,678	0	707	751	525,905	2.67

Table 47. Estimated Bear River sockeye salmon late-run catch, escapement, and total run, by age, 2002.

Week	Sample Size	Ages												Total
		0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
Catch	Percent	0.5	0.4	3.5	0.1	0.0	0.7	50.6	0.1	37.8	5.9	0.3	0.1	100.0
	Numbers	1,377	1,080	10,570	240	50	2,117	151,269	185	113,098	17,655	1,004	250	298,895
Escapement	Percent	0.8	0.8	2.7	10.8	0.0	0.3	48.5	0.1	34.2	1.8	0.1	0.0	100.0
	Numbers	721	779	2,601	10,352	0	251	46,365	107	32,654	1,683	107	0	95,620
Total	Percent ^a	0.5	0.5	3.3	2.7	0.0	0.6	50.1	0.1	36.9	4.9	0.3	0.1	100.0
	Numbers ^b	2,098	1,859	13,172	10,591	50	2,368	197,634	292	145,752	19,338	1,111	250	394,515

^a Percentages may not total to 100% due to errors in rounding.

^b Includes post-weir estimate.

Table 48. Bear Lake late-run (post 31 July) sockeye salmon brood table, 1980-2002.

Year	Esc. ^a	Return Ages															Total			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	1.5	2.4	3.3	3.4	Return	R/S
1980	238,038							0	12,754	400,014	90	54	132,036	330	0	205	17	0	545,500	2.29
1981	214,728				1,134	43,049	9,594	0	6,463	210,579	0	2	47,413	18	0	41	93	0	318,386	1.48
1982	104,503	0	0	657	1,324	1,333	0	7,344	70,269	0	91	197,258	488	0	1,259	847	0	280,870	2.69	
1983	172,143	0	0	0	147	5,044	176	0	16,802	134,380	0	488	160,027	2,093	0	89	0	0	319,246	1.85
1984	108,151	0	0	0	429	2,887	19,898	0	23,787	301,375	0	185	142,790	11,014	0	1,261	0	0	503,626	4.66
1985	170,739	0	0	1	592	24,407	14,756	0	138,603	538,445	0	1,058	217,073	38	0	2,789	2,074	0	939,836	5.50
1986	98,921	0	0	172	2,512	62,610	2,269	0	77,677	412,258	0	1,252	301,036	5,751	0	416	4,290	0	870,243	8.80
1987	83,395	0	0	0	910	77,886	17,721	57	19,211	451,063	1,000	321	490,594	25,598	0	1,909	2,341	0	1,088,611	13.05
1988	140,660	0	0	2,101	256	15,096	29,363	77	18,515	370,999	0	109	250,503	224	0	2,886	143	0	690,272	4.91
1989	204,804	0	0	2,599	1,932	6,504	40,756	0	52,714	638,148	0	2,223	322,645	1,191	0	439	67	0	1,069,218	5.22
1990	262,946	0	0	0	1,037	35,887	11,911	82	77,905	795,302	0	94	250,526	13,215	0	751	1,370	0	1,188,080	4.52
1991	173,913	0	0	1,123	211	39,738	15,637	90	32,615	192,725	146	979	91,586	1,564	0	0	1	0	376,415	2.16
1992	195,830	0	0	247	741	7,789	19,961	226	44,890	356,357	0	0	73,155	339	0	44	215	0	503,964	2.57
1993	197,988	0	189	122	7,940	6,631	30,910	1	6,601	366,291	123	184	114,578	5,819	0	100	1,299	32	540,788	2.73
1994	204,441	0	316	1,705	312	20,444	21,371	0	18,139	566,411	0	55	156,901	1,098	32	714	229	0	787,727	3.85
1995	107,961	0	24	1,279	497	30,943	27,553	0	47,482	455,680	0	860	147,895	32	0	1,111	250	0	713,606	6.61
1996	119,629	0	217	1,208	1,287	37,755	8,026	32	15,639	271,516	0	292	145,752	19,338						
1997	145,311	0	0	527	1,095	5,718	28,904	50	2,368	197,634	0									
1998	193,420	0	2,749	202	1,859	13,172	10,591													
1999	127,890	211	2,098	0																
2000	90,947	0																		
2001	122,505																			
2002	95,620																			
86-95 Avg.	167,086	0	53	935	1,635	30,353	21,745	53	39,575	460,523	127	608	219,942	5,483	3	837	1,021	3	782,892	5.33

^a Includes post-weir estimate.

Table 49. Estimated age composition of salmon escapement in the Alaska Peninsula and Aleutians Islands Management Areas U. S. Fish and Wildlife Service operated weir projects, 2002.

<i>Sockeye Salmon</i>		Sample Size	Ages									Total
System			1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	
McLees Lake	654	Percent	0.0	0.0	59.6	0.0	32.2	6.1	1.2	0.4	0.4	100.0
		Numbers	0	0	58,240	0	31,514	6,006	1,175	429	416	97,780
Frosty Creek	95	Percent	1.2	3.4	57.4	0.0	25.5	6.0	0.0	6.7	0.0	100.2
		Numbers	16	43	732	0	324	76	0	86	0	1,274
Mortensen's Creek	705	Percent	0.0	1.2	16.8	0.2	73.3	2.7	0.2	5.7	0.0	100.1
		Numbers	0	63	874	8	3,816	139	12	297	0	5,206

<i>Coho Salmon</i>		Sample Size	Ages							Total
System			2.0	3.0	1.1	2.1	2.2	3.1	4.1	
Frosty Creek	116	Percent	7.7	6.5	9.8	50.8	1.0	23.1	1.0	100.0
		Numbers	57	48	72	372	7	170	7	733
Mortensen's Creek	434	Percent	0.0	0.0	11.6	82.4	0.0	5.7	0.3	100.0
		Numbers	0	0	746	5,293	0	369	20	6,427

<i>Chum Salmon</i>		Sample Size	Ages						Total
System			0.1	0.2	0.3	0.4	1.3	0.5	
Frosty Creek	1,688	Percent	0.0	10.4	58.6	29.8	0.1	1.0	100.0
		Numbers	12	4,388	24,727	12,581	47	440	42,195

Table 50. Estimated age composition of McLees Lake sockeye salmon escapement by week, 2002.

Week	Sample Size	Ages							Total	
		1.2	1.3	2.2	1.4	2.3	3.2			
23 5/31-6/06	80	Percent	25.3	63.3	4.0	2.6	3.5	1.4	100.0	
		Numbers	735	1,838	115	75	102	41	2,905	
24 6/07-6/13	57	Percent	29.9	56.9	6.3	3.1	0.9	2.8	100.0	
		Numbers	1,965	3,739	414	205	61	187	6,570	
25 6/14-6/20	84	Percent	47.0	42.7	6.9	1.4	0.9	1.2	100.0	
		Numbers	5,684	5,157	829	169	105	146	12,089	
26 6/21-6/27	90	Percent	57.4	35.4	5.8	1.1	0.2	0.2	100.0	
		Numbers	12,450	7,676	1,249	245	43	43	21,706	
27 6/28-7/04	85	Percent	64.6	29.1	5.2	1.1	0.0	0.0	100.0	
		Numbers	12,626	5,687	1,006	214	0	0	19,533	
28 7/05-7/11	89	Percent	71.3	20.5	7.8	0.4	0.0	0.0	100.0	
		Numbers	10,449	3,009	1,146	60	0	0	14,664	
29 7/12-7/18	95	Percent	71.8	19.8	6.8	1.6	0.1	0.0	100.0	
		Numbers	5,842	1,609	556	129	5	0	8,141	
30 7/19-7/25	74	Percent	69.8	22.8	5.7	0.7	0.9	0.0	100.0	
		Numbers	7,570	2,474	620	79	96	0	10,839	
31 7/26-8/01	0	Percent	68.9	24.3	5.4	0.0	1.4	0.0	100.0	
		Numbers	919	324	72	0	18	0	1,333	
Total		Percent	59.6	32.2	6.1	1.2	0.4	0.4	100.0	
		Numbers	58,240	31,514	6,006	1,175	429	416	97,780	

Table 51. Estimated age composition of Frosty Creek sockeye salmon escapement by week, 2002.

Week	Sample Size		Ages						Total
			1.1	0.3	1.2	1.3	2.2	2.3	
27 6/28-7/04	4	Percent	0.0	1.4	2.9	91.4	1.4	2.9	100.0
		Numbers	0	0	0	16	0	0	17
28 7/05-7/11	0	Percent	0.0	6.6	13.1	60.6	6.6	13.1	100.0
		Numbers	0	1	2	8	1	2	14
29 7/12-7/18	9	Percent	0.0	9.7	21.7	39.4	9.7	19.5	100.0
		Numbers	0	25	55	100	25	49	254
30 7/19-7/25	10	Percent	0.1	3.4	62.2	24.1	3.5	6.7	100.0
		Numbers	1	17	314	121	17	34	504
31 7/26-8/01	18	Percent	3.7	0.0	71.2	21.3	3.8	0.0	100.0
		Numbers	5	0	101	30	5	0	142
32 8/02-8/08	44	Percent	4.1	0.0	72.3	16.3	7.4	0.0	100.0
		Numbers	10	0	168	38	17	0	233
33 8/09-8/15	8	Percent	0.4	0.0	76.7	11.8	11.1	0.0	100.0
		Numbers	0	0	64	10	9	0	84
34 8/16-8/22	1	Percent	0.0	0.0	92.9	3.5	3.5	0.0	100.0
		Numbers	0	0	16	1	1	0	17
35 8/23-8/29	1	Percent	0.0	0.0	100.0	0.0	0.0	0.0	100.0
		Numbers	0	0	2	0	0	0	2
36 8/30-9/05	0	Percent	0.0	0.0	100.0	0.0	0.0	0.0	100.0
		Numbers	0	0	1	0	0	0	1
37 9/06-9/12	0	Percent	0.0	0.0	100.0	0.0	0.0	0.0	100.0
		Numbers	0	0	5	0	0	0	5
38 9/13-9/19	0	Percent	0.0	0.0	100.0	0.0	0.0	0.0	100.0
		Numbers	0	0	2	0	0	0	2
39 9/20-9/26	0	Percent	0.0	0.0	100.0	0.0	0.0	0.0	100.0
		Numbers	0	0	1	0	0	0	1
Total	95	Percent	1.2	3.4	57.4	25.5	6.0	6.7	100.0
		Numbers	16	43	732	324	76	86	1,274

Table 52. Estimated age composition of Mortensen's Creek sockeye salmon escapement by week, 2002.

Week	Sample Size	Ages							Total	
		0.3	1.2	0.4	1.3	2.2	1.4	2.3		
26 6/21-6/27	0	Percent	0.0	14.3	0.0	60.7	0.0	0.0	25.0	100.0
		Numbers	0	0	0	1	0	0	1	2
27 6/28-7/04	0	Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Numbers	0	0	0	0	0	0	0	0
28 7/05-7/11	28	Percent	0.0	13.9	0.0	61.9	0.5	0.0	23.7	100.0
		Numbers	0	14	0	61	0	0	23	99
29 7/12-7/18	58	Percent	0.1	10.4	0.0	74.2	5.1	0.0	10.2	100.0
		Numbers	0	18	0	126	9	0	17	170
30 7/19-7/25	272	Percent	2.1	11.6	0.0	76.7	3.5	0.3	5.8	100.0
		Numbers	48	269	0	1,783	82	8	135	2,326
31 7/26-8/01	28	Percent	0.2	3.4	0.1	92.0	0.5	0.0	3.9	100.0
		Numbers	0	4	0	106	1	0	4	115
32 8/02-8/08	177	Percent	0.5	19.7	0.5	72.1	2.4	0.0	4.9	100.0
		Numbers	8	335	8	1,227	40	0	83	1,701
33 8/09-8/15	67	Percent	0.1	26.3	0.1	68.8	0.3	0.0	4.5	100.0
		Numbers	0	98	0	255	1	0	17	371
34 8/16-8/22	39	Percent	0.0	25.8	0.0	68.6	2.2	0.5	3.0	100.0
		Numbers	0	71	0	190	6	1	8	277
35 8/23-8/29	19	Percent	0.3	27.3	0.0	63.2	0.4	4.2	4.6	100.0
		Numbers	0	13	0	30	0	2	2	47
36 8/30-9/05	13	Percent	7.2	52.3	0.0	39.7	0.0	0.3	0.5	100.0
		Numbers	6	42	0	32	0	0	0	80
37 9/06-9/12	4	Percent	0.7	50.4	0.0	26.2	0.0	0.0	22.7	100.0
		Numbers	0	9	0	5	0	0	4	18
38 9/13-9/19	0	Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Numbers	0	0	0	0	0	0	0	0
39 9/20-9/26	0	Percent	0.0	50.0	0.0	25.0	0.0	0.0	25.0	100.0
		Numbers	0	1	0	0	0	0	0	1
40 9/27-10/3	0	Percent	0.0	50.0	0.0	25.0	0.0	0.0	25.0	100.0
		Numbers	0	1	0	0	0	0	0	1
41 10/04-10/10	0	Percent	0.0	50.0	0.0	25.0	0.0	0.0	25.0	100.0
		Numbers	0	1	0	0	0	0	0	1
Total	705	Percent	1.2	16.8	0.2	73.3	2.7	0.2	5.7	100.0
		Numbers	63	874	8	3,816	139	12	297	5,206

Table 53. Length composition of McLees Lake sockeye salmon escapement samples by age and sex, 2002.

	Ages						
	1.2	1.3	1.4	2.2	2.3	3.2	Total
Females							
Mean Length	499	550	NA	500	548	NA	517
SE	2	3	NA	3	22	NA	2
Range	430-555	435-600	NA	480-515	510-585	NA	430-600
Sample Size	160	92	0	14	3	0	269
Males							
Mean Length	523	578	608	525	567	513	545
SE	2	2	5	4	23	10	2
Range	475-615	460-620	580-635	490-575	545-590	495-540	460-635
Sample Size	209	135	9	26	2	4	385
All Fish							
Mean Length	513	567	608	516	556	513	533
SE	1	2	5	4	15	10	1
Range	430-615	435-620	580-635	480-575	510-590	495-540	430-635
Sample Size	369	227	9	40	5	4	654

Table 54. Length composition of Frosty Creek sockeye salmon escapement samples by age and sex, 2002.

	Ages						
	0.3	1.1	1.2	1.3	2.2	2.3	Total
Females							
Mean Length	NA	NA	478	554	469	NA	495
SE	NA	NA	5	8	5	NA	6
Range	NA	NA	420-540	520-580	462-480	NA	420-580
Sample Size	0	0	28	9	3	0	40
Males							
Mean Length	596	344	502	586	457	572	514
SE	NA	26	8	6	20	6	10
Range	596-596	295-384	418-592	531-614	418-485	567-578	295-614
Sample Size	1	3	29	12	3	2	50
All Fish							
Mean Length	596	344	490	572	463	572	505
SE	NA	26	5	6	10	6	6
Range	596-596	295-384	418-592	520-614	418-485	567-578	295-614
Sample Size	1	3	62	21	6	2	95

Table 55. Length composition of Mortensen's Creek sockeye salmon escapement samples by age and sex, 2002.

	Ages							
	0.3	0.4	1.2	1.3	1.4	2.2	2.3	Total
Females								
Mean Length	571	563	510	572	566	526	574	561
SE	2	NA	3	2	NA	8	5	2
Range	566-576	563-563	465-590	489-640	566-566	487-556	539-624	465-640
Sample Size	5	1	55	236	1	7	24	329
Males								
Mean Length	588	0	525	597	609	521	584	581
SE	9	NA	3	1	NA	7	6	2
Range	572-604	0-0	451-599	498-657	609-609	466-560	509-616	451-657
Sample Size	3	0	68	269	1	12	19	372
All Fish								
Mean Length	577	563	518	585	587	523	579	571
SE	4	NA	2	1	22	5	4	1
Range	566-604	563-563	451-599	489-657	566-609	466-560	509-624	451-657
Sample Size	8	1	123	507	2	19	45	705

Table 56. Estimated sex composition of McLees Lake sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
					Percent		Number			
		Females	Males	Total	Females	Males	Females	Males	Total	
23	5/31-6/06	33	67	100	33.1	66.9	963	1,942	2,905	
24	6/07-6/13	25	46	71	35.1	64.9	2,303	4,267	6,570	
25	6/14-6/20	40	60	100	41.3	58.7	4,990	7,099	12,089	
26	6/21-6/27	50	50	100	48.1	51.9	10,441	11,265	21,706	
27	6/28-7/04	47	53	100	47.6	52.4	9,297	10,236	19,533	
28	7/05-7/11	45	55	100	45.3	54.7	6,640	8,024	14,664	
29	7/12-7/18	42	58	100	42.4	57.6	3,454	4,687	8,141	
30	7/19-7/25	30	50	80	39.1	60.9	4,233	6,606	10,839	
31	7/26-8/01	0	0	0	37.5	62.5	500	833	1,333	
Total		312	439	751	43.8	56.2	42,821	54,959	97,780	

Table 57. Estimated sex composition of Frosty Creek sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
					Percent		Number			
		Females	Males	Total	Females	Males	Females	Males	Total	
27	6/28-7/04	2	2	4	47.1	52.9	8	9	17	
28	7/05-7/11	0	0	0	36.6	63.4	5	9	14	
29	7/12-7/18	3	8	11	30.0	70.0	76	178	254	
30	7/19-7/25	4	5	9	39.1	60.9	197	307	504	
31	7/26-8/01	6	11	17	38.8	61.2	55	87	142	
32	8/02-8/08	27	26	53	49.5	50.5	115	118	233	
33	8/09-8/15	5	4	9	51.0	49.0	43	41	84	
34	8/16-8/22	0	1	1	15.7	84.3	3	14	17	
35	8/23-8/29	0	1	1	0.0	100.0	0	2	2	
36	8/30-9/05	0	0	0	0.0	100.0	0	1	1	
37	9/06-9/12	0	0	0	0.0	100.0	0	5	5	
38	9/13-9/19	0	0	0	0.0	100.0	0	2	2	
39	9/20-9/26	0	0	0	0.0	100.0	0	1	1	
Total		47	58	105	39.5	60.5	503	771	1,274	

Table 58. Estimated sex composition of Mortensen's Creek sockeye salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
		Females	Males	Total	Percent		Number			Total
					Females	Males	Females	Males		
26	6/21-6/27	0	0	0	35.3	64.7	1	1	2	
27	6/28-7/04	0	0	0	0.0	0.0	0	0	0	
28	7/05-7/11	12	22	34	38.3	61.7	38	61	99	
29	7/12-7/18	45	21	66	67.9	32.1	115	55	170	
30	7/19-7/25	175	126	301	56.2	43.8	1,308	1,018	2,326	
31	7/26-8/01	5	30	35	19.7	80.3	23	92	115	
32	8/02-8/08	82	117	199	38.2	61.8	650	1,051	1,701	
33	8/09-8/15	27	47	74	36.8	63.2	137	234	371	
34	8/16-8/22	16	31	47	32.5	67.5	90	187	277	
35	8/23-8/29	4	19	23	20.7	79.3	10	37	47	
36	8/30-9/05	4	10	14	28.1	71.9	23	57	80	
37	9/06-9/12	2	2	4	48.0	52.0	9	9	18	
38	9/13-9/19	0	0	0	0.0	0.0	0	0	0	
39	9/20-9/26	0	0	0	50.0	50.0	1	1	1	
40	9/27-10/3	0	0	0	50.0	50.0	1	1	1	
41	10/04-10/10	0	0	0	50.0	50.0	1	1	1	
Total		372	425	797	46.1	53.9	2,400	2,806	5,206	

Table 59. Estimated age composition of Frosty Creek coho salmon escapement by week, 2002.

Week	Sample Size	Ages								Total
		2.0	3.0	1.1	2.1	2.2	3.1	4.1		
34 8/16-8/22	0	Percent	0.0	0.0	0.0	75.0	0.0	25.0	0.0	100.0
		Numbers	0	0	0	9	0	3	0	12
35 8/23-8/29	4	Percent	0.0	0.0	0.0	72.7	0.0	26.1	1.1	100.0
		Numbers	0	0	0	23	0	8	0	31
36 8/30-9/05	0	Percent	0.0	0.0	0.0	68.9	0.0	28.0	3.0	100.0
		Numbers	0	0	0	23	0	9	1	33
37 9/06-9/12	20	Percent	4.1	6.2	6.2	56.2	0.0	23.5	3.7	100.0
		Numbers	5	8	8	73	0	31	5	130
38 9/13-9/19	10	Percent	15.3	22.3	22.5	30.8	0.2	8.0	1.0	100.0
		Numbers	14	20	21	28	0	7	1	92
39 9/20-9/26	32	Percent	10.5	6.0	8.8	44.0	2.8	27.9	0.0	100.0
		Numbers	27	15	22	113	7	71	0	256
40 9/27-10/3	5	Percent	16.7	0.8	16.3	42.6	0.7	22.8	0.0	100.0
		Numbers	3	0	3	7	0	4	0	17
41 10/04-10/10	45	Percent	4.6	2.2	11.2	59.8	0.0	22.2	0.0	100.0
		Numbers	7	4	18	97	0	36	0	162
Total	116	Percent	7.7	6.5	9.8	50.8	1.0	23.1	1.0	100.0
		Numbers	57	48	72	372	7	170	7	733

Table 60. Estimated age composition of Mortensen's Creek coho salmon escapement by week, 2002.

Week	Sample Size		Ages				Total
			1.1	2.1	3.1	4.1	
34 8/16-8/22	1	Percent Numbers	0.0 0	100.0 1	0.0 0	0.0 0	100.0 1
35 8/23-8/29	1	Percent Numbers	58.3 2	41.7 1	0.0 0	0.0 0	100.0 3
36 8/30-9/05	35	Percent Numbers	14.2 24	82.3 138	3.5 6	0.0 0	100.0 168
37 9/06-9/12	121	Percent Numbers	13.6 265	79.0 1,542	7.4 144	0.0 0	100.0 1,951
38 9/13-9/19	25	Percent Numbers	15.1 75	79.5 393	5.3 26	0.0 0	100.0 494
39 9/20-9/26	125	Percent Numbers	9.8 307	84.9 2,662	4.9 153	0.4 13	100.0 3,135
40 9/27-10/3	9	Percent Numbers	2.1 0	78.9 8	9.9 1	9.0 1	100.0 10
41 10/04-10/10	99	Percent Numbers	11.9 67	81.4 459	5.7 32	1.0 6	100.0 564
42 10/11-10/17	18	Percent Numbers	6.5 6	88.0 88	5.5 6	0.0 0	100.0 100
43 10/18-10/24	0	Percent Numbers	5.6 0	88.9 1	5.6 0	0.0 0	100.0 1
Total	434	Percent Numbers	11.6 746	82.4 5,293	5.7 369	0.3 20	100.0 6,427

Table 61. Length composition of Frosty Creek coho salmon escapement samples, 2002.

	Ages							
	1.1	2.0	2.1	2.2	3.0	3.1	4.1	Total
Females								
Mean Length	610	NA	631	691	NA	627	NA	630
SE	8	NA	5	NA	NA	11	NA	5
Range	591-628	NA	529-685	691-691	NA	549-678	NA	529-691
Sample Size	4	0	39	1	0	14	0	58
Males								
Mean Length	575	358	611	0	375	613	640	554
SE	24	15	10	NA	15	11	NA	15
Range	497-652	308-416	501-664	0-0	340-415	538-672	640-640	308-672
Sample Size	7	7	19	0	4	13	1	51
All Fish								
Mean Length	587	350	621	691	378	620	640	589
SE	16	15	6	NA	12	8	NA	9
Range	497-652	301-416	480-685	691-691	340-415	538-678	640-640	301-691
Sample Size	11	8	62	1	5	28	1	116

Table 62. Length composition of Mortensen's Creek coho salmon escapement samples by age and sex, 2002.

	Ages				
	1.1	2.1	3.1	4.1	Total
Females					
Mean Length	629	637	648	682	637
SE	11	3	7	NA	3
Range	488-672	486-711	604-694	682-682	486-711
Sample Size	18	152	13	1	184
Males					
Mean Length	628	651	670	NA	649
SE	9	3	9	NA	3
Range	497-704	479-741	615-724	NA	479-741
Sample Size	33	201	14	0	248
All Fish					
Mean Length	628	645	660	682	644
SE	7	2	6	NA	2
Range	488-704	479-741	604-724	682-682	479-741
Sample Size	51	354	27	1	433

Table 63. Estimated sex composition of Frosty Creek coho salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
		Females	Males	Total	Percent		Number			Total
					Females	Males	Females	Males		
34	8/16-8/22	0	0	0	100.0	0.0	12	0	12	
35	8/23-8/29	2	0	2	89.9	10.1	28	3	31	
36	8/30-9/05	0	0	0	73.1	26.9	24	9	33	
37	9/06-9/12	10	8	18	48.9	51.1	64	66	130	
38	9/13-9/19	1	7	8	23.8	76.2	22	70	92	
39	9/20-9/26	18	15	33	50.1	49.9	128	128	256	
40	9/27-10/3	1	4	5	30.0	70.0	5	12	17	
41	10/04-10/10	27	20	47	57.0	43.0	92	70	162	
Total		59	54	113	51.4	48.6	377	356	733	

Table 64. Estimated sex composition of Mortensen's Creek coho salmon escapement by week, 2002.

Week	Dates	Sample			Escapement			Number		
		Females	Males	Total	Females	Males	Females	Males	Total	
34	8/16-8/22	0	1	1	0.0	100.0	0	1	1	
35	8/23-8/29	1	0	1	58.3	41.7	2	1	3	
36	8/30-9/05	11	31	42	28.0	72.0	47	121	168	
37	9/06-9/12	59	75	134	43.3	56.7	845	1,106	1,951	
38	9/13-9/19	14	13	27	50.0	50.0	247	247	494	
39	9/20-9/26	63	80	143	46.1	53.9	1,445	1,690	3,135	
40	9/27-10/3	6	4	10	57.0	43.0	6	4	10	
41	10/04-10/10	47	61	108	44.6	55.4	251	313	564	
42	10/11-10/17	7	11	18	39.4	60.6	39	61	100	
43	10/18-10/24	0	0	0	38.9	61.1	0	1	1	
Total		208	276	484	44.9	55.1	2,883	3,544	6,427	

Table 65. Estimated age composition of Frosty Creek chum salmon escapement by week, 2002.

Week	Sample Size	Ages							Total
		0.1	0.2	0.3	0.4	1.3	0.5		
27 6/28-7/04	96	Percent	0.0	0.1	6.3	91.7	0.0	1.8	100.0
		Numbers	0	1	35	515	0	10	561
28 7/05-7/11	116	Percent	0.0	0.8	9.5	88.1	0.0	1.6	100.0
		Numbers	0	16	184	1,708	0	31	1,939
29 7/12-7/18	119	Percent	0.0	0.8	14.7	80.3	0.0	4.1	100.0
		Numbers	0	26	456	2,494	0	128	3,104
30 7/19-7/25	222	Percent	0.0	1.0	26.5	69.0	0.0	3.6	100.0
		Numbers	0	35	939	2,449	0	127	3,550
31 7/26-8/01	54	Percent	0.0	3.6	33.5	60.9	0.0	1.9	100.0
		Numbers	0	19	174	317	0	10	520
32 8/02-8/08	207	Percent	0.4	6.8	53.8	38.0	0.0	1.0	100.0
		Numbers	6	112	877	619	0	17	1,630
33 8/09-8/15	156	Percent	0.1	9.5	68.4	21.4	0.0	0.6	100.0
		Numbers	6	658	4,748	1,481	0	45	6,937
34 8/16-8/22	120	Percent	0.0	7.9	77.6	14.4	0.0	0.1	100.0
		Numbers	0	531	5,219	969	0	6	6,725
35 8/23-8/29	148	Percent	0.0	11.4	77.4	10.6	0.1	0.5	100.0
		Numbers	0	898	6,069	829	8	41	7,845
36 8/30-9/05	109	Percent	0.0	18.2	67.7	13.3	0.6	0.2	100.0
		Numbers	0	1,001	3,724	731	35	11	5,503
37 9/06-9/12	149	Percent	0.0	27.6	58.6	13.2	0.1	0.5	100.0
		Numbers	0	741	1,571	354	4	13	2,682
38 9/13-9/19	83	Percent	0.0	28.3	63.1	8.5	0.0	0.1	100.0
		Numbers	0	214	476	64	0	1	755
39 9/20-9/26	103	Percent	0.0	32.7	54.7	12.5	0.0	0.0	100.0
		Numbers	0	136	227	52	0	0	414
40 9/27-10/3	1	Percent	0.0	16.4	77.1	6.5	0.0	0.0	100.0
		Numbers	0	2	8	1	0	0	11
41 10/04-10/10	5	Percent	0.0	0.0	100.0	0.0	0.0	0.0	100.0
		Numbers	0	0	18	0	0	0	18
Total	1,688	Percent	0.0	10.4	58.6	29.8	0.1	1.0	100.0
		Numbers	12	4,388	24,727	12,581	47	440	42,195

Table 66. Length composition of Frosty Creek chum salmon escapement samples, 2002.

	Ages						
	0.1	0.2	0.3	0.4	0.5	1.3	Total
Females							
Mean Length	NA	539	587	604	613	567	590
SE	NA	4	1	2	8	NA	1
Range	NA	471-616	500-677	522-676	580-675	567-567	471-677
Sample Size	0	65	411	309	11	1	797
Males							
Mean Length	452	536	603	624	626	NA	602
SE	NA	3	1	2	11	NA	1
Range	452-452	449-628	510-674	509-696	555-674	NA	449-696
Sample Size	1	118	403	349	10	0	881
All Fish							
Mean Length	452	536	595	615	619	567	596
SE	NA	2	1	1	7	NA	1
Range	452-452	423-628	500-677	509-696	555-675	567-567	423-696
Sample Size	1	187	817	661	21	1	1,688

Table 67. Estimated sex composition of Frosty Creek chum salmon escapement by week, 2002.

Week	Dates	Sample			Escapement					
		Females	Males	Total	Percent		Number			Total
					Females	Males	Females	Males		
27	6/28-7/04	34	68	102	33.1	66.9	185	376	561	
28	7/05-7/11	42	94	136	34.4	65.6	668	1,271	1,939	
29	7/12-7/18	56	71	127	40.9	59.1	1,270	1,834	3,104	
30	7/19-7/25	134	114	248	51.3	48.7	1,822	1,728	3,550	
31	7/26-8/01	32	25	57	55.2	44.8	287	233	520	
32	8/02-8/08	115	115	230	49.8	50.2	811	819	1,630	
33	8/09-8/15	79	107	186	43.7	56.3	3,034	3,903	6,937	
34	8/16-8/22	62	83	145	42.7	57.3	2,870	3,855	6,725	
35	8/23-8/29	69	97	166	42.6	57.4	3,343	4,502	7,845	
36	8/30-9/05	67	67	134	47.9	52.1	2,636	2,867	5,503	
37	9/06-9/12	93	86	179	52.5	47.5	1,409	1,273	2,682	
38	9/13-9/19	58	40	98	58.0	42.0	438	317	755	
39	9/20-9/26	76	50	126	63.7	36.3	264	150	414	
40	9/27-10/3	1		1	82.3	17.7	9	2	11	
41	10/04-10/10	6	2	8	75.0	25.0	14	5	18	
Total		924	1,019	1,943	45.2	54.8	19,063	23,132	42,195	

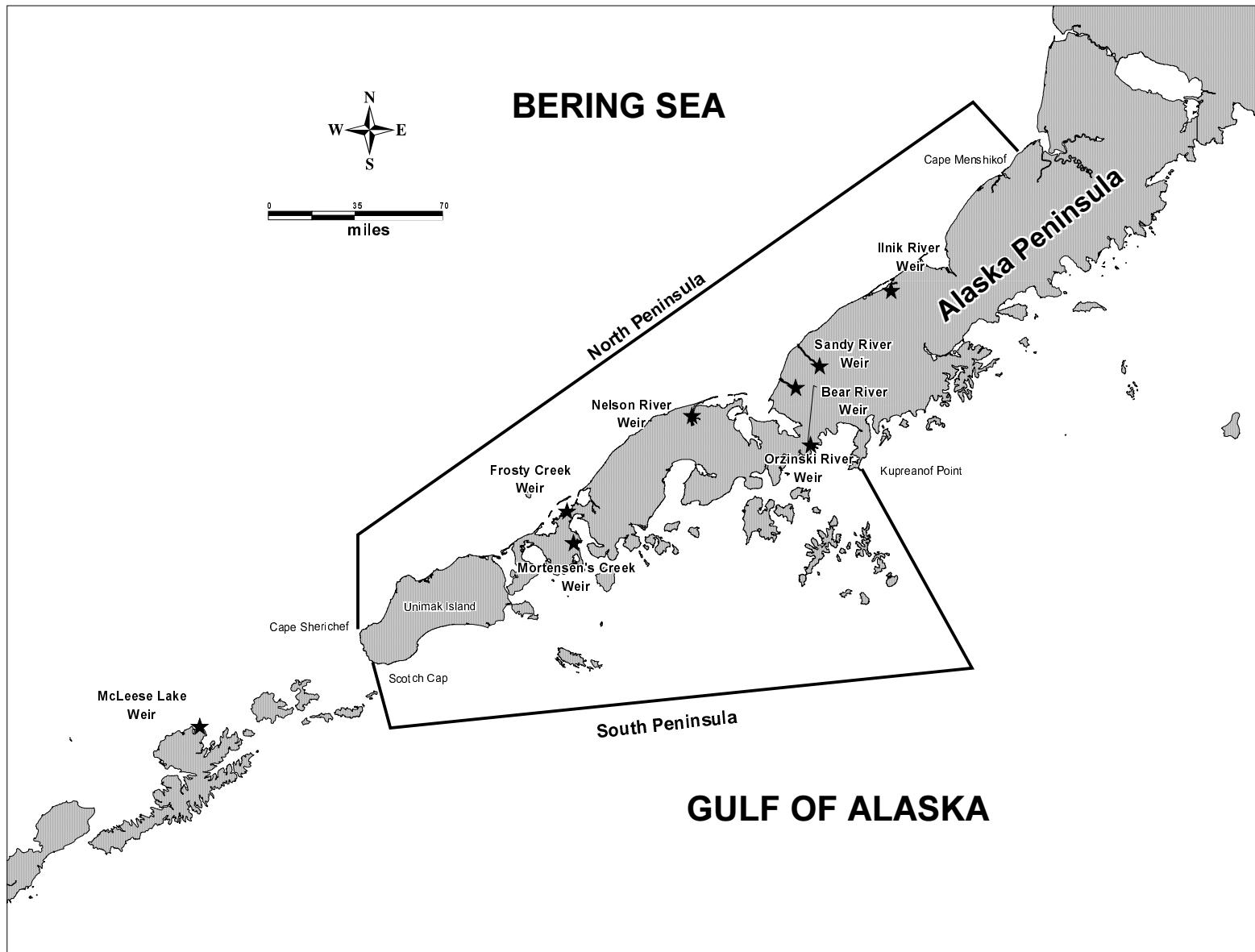


Figure 1. Map of the Alaska Peninsula Management Area, identifying the North and South Peninsula areas and weir locations.

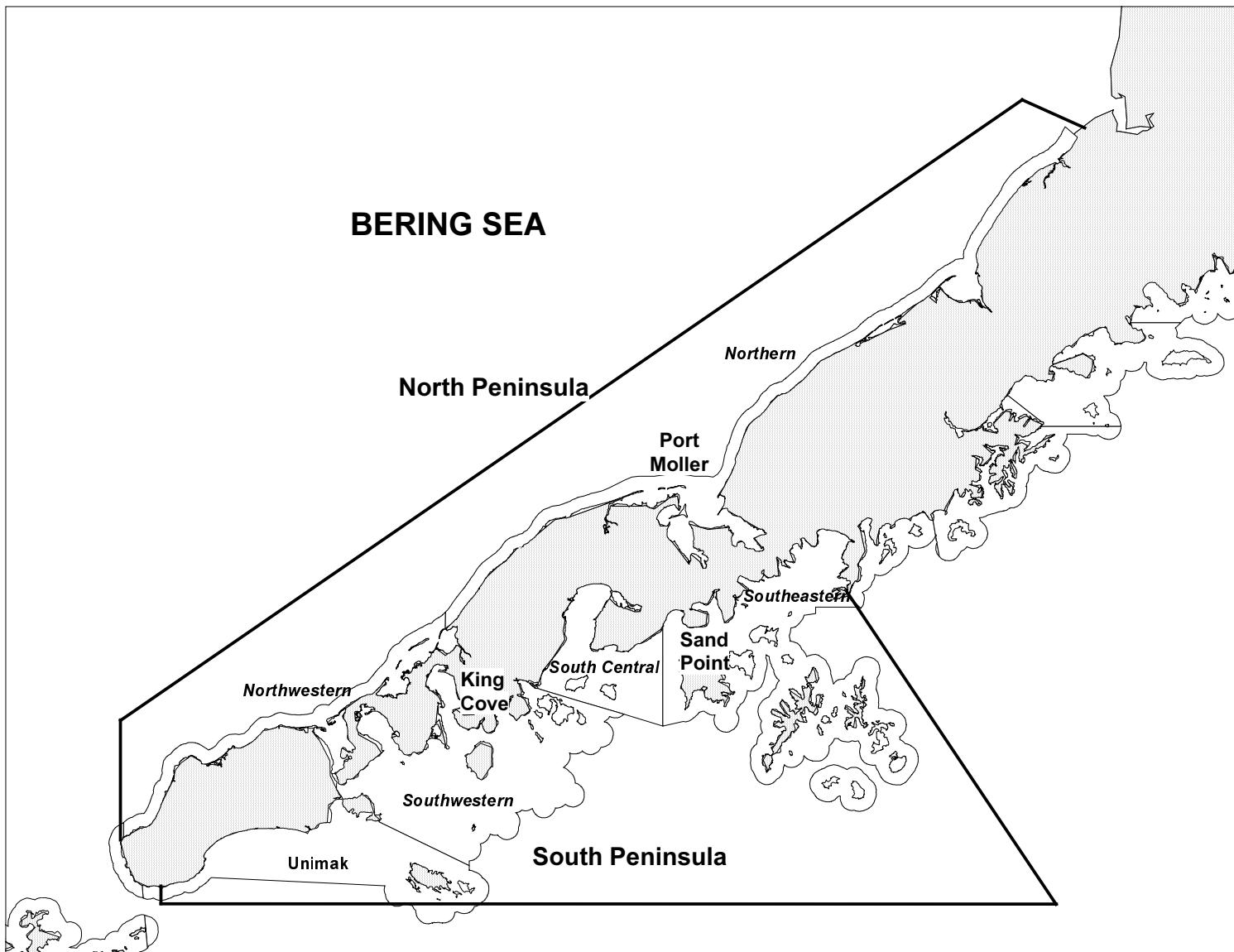


Figure 2. Map of the Alaska Peninsula identifying districts and processing facility locations.

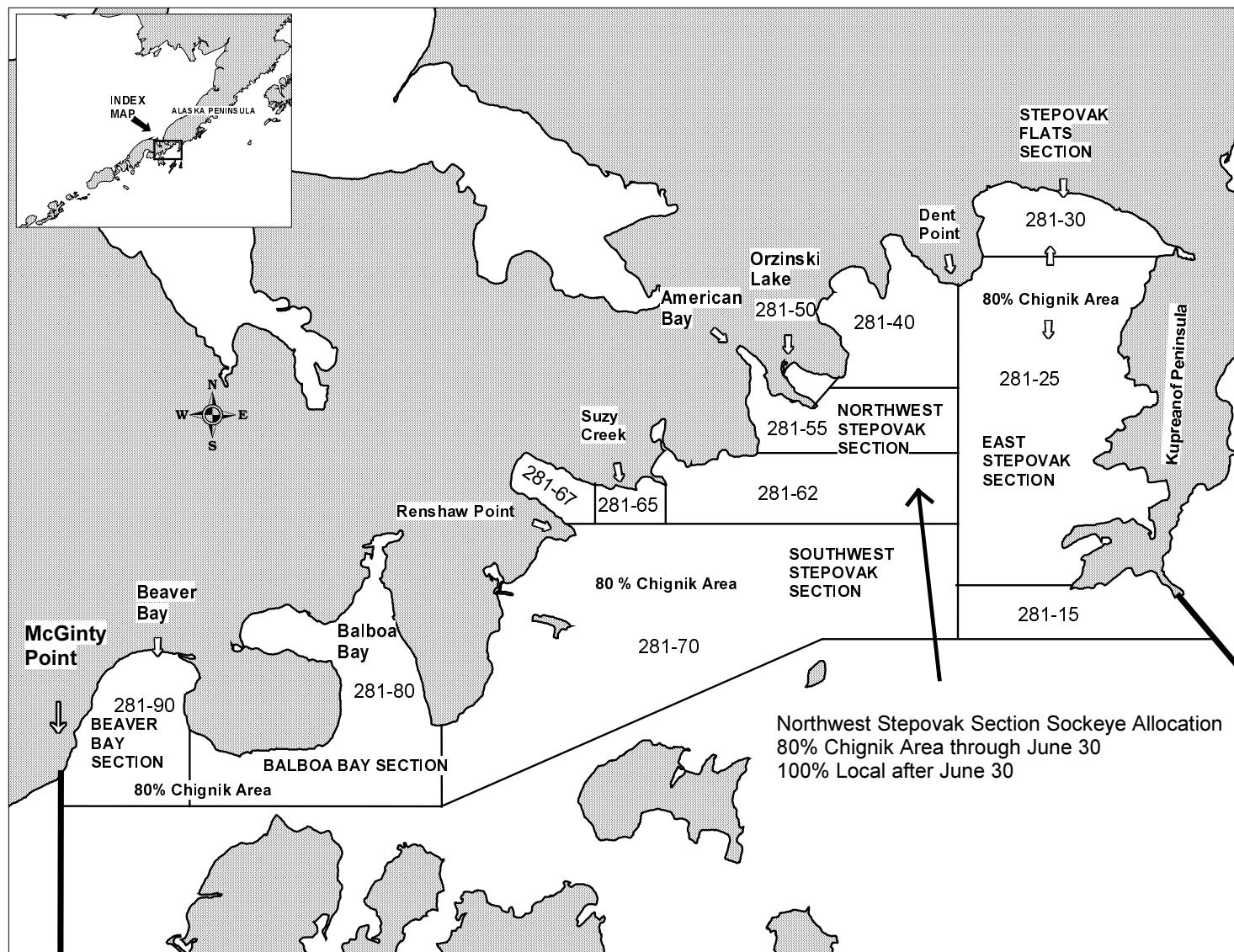


Figure 3. Map of the Southeastern District Mainland fishery from Kupreanof Point to McGinty Point with the salmon sections defined.

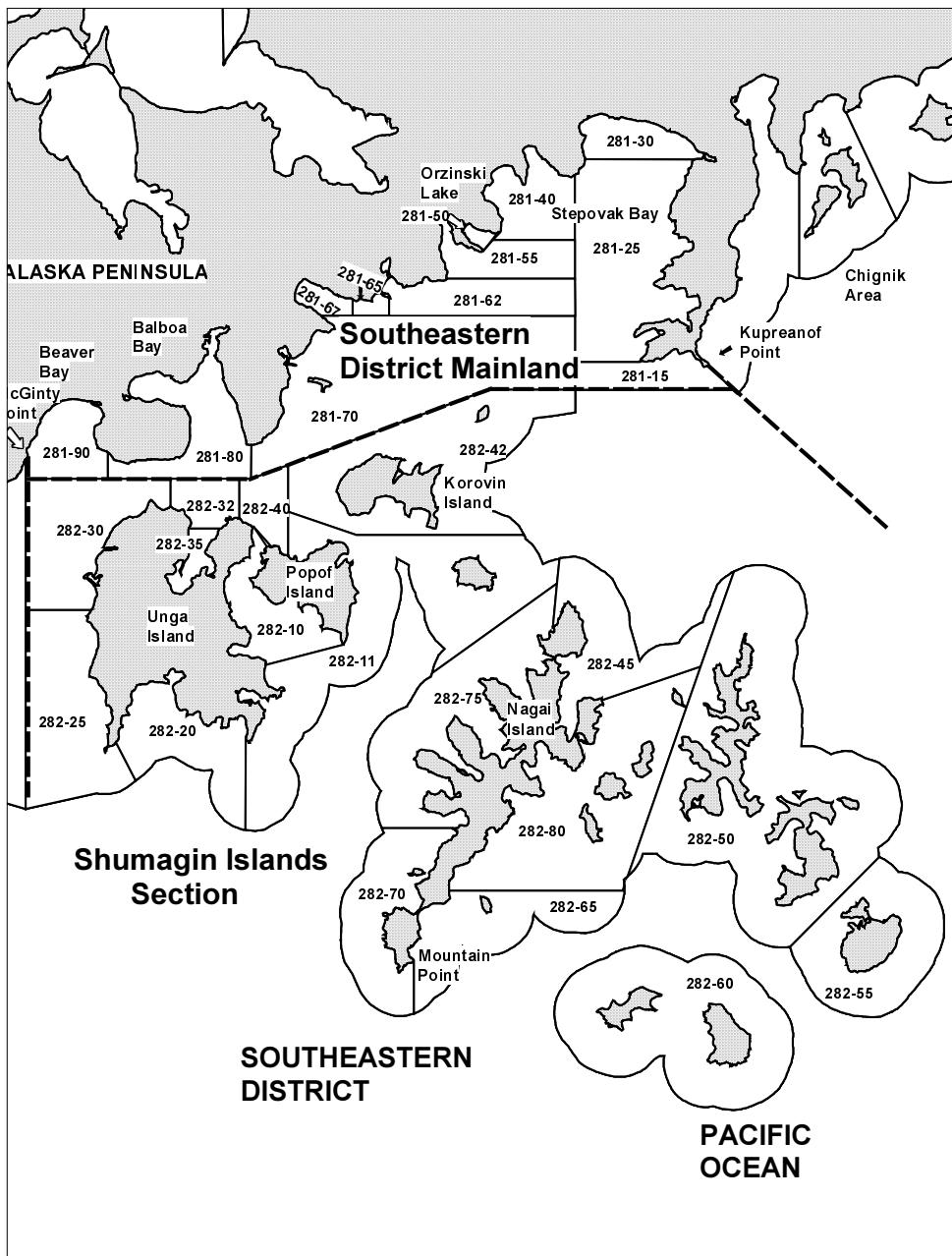


Figure 4. Map of the Southeastern District identifying Shumagin Islands Section.

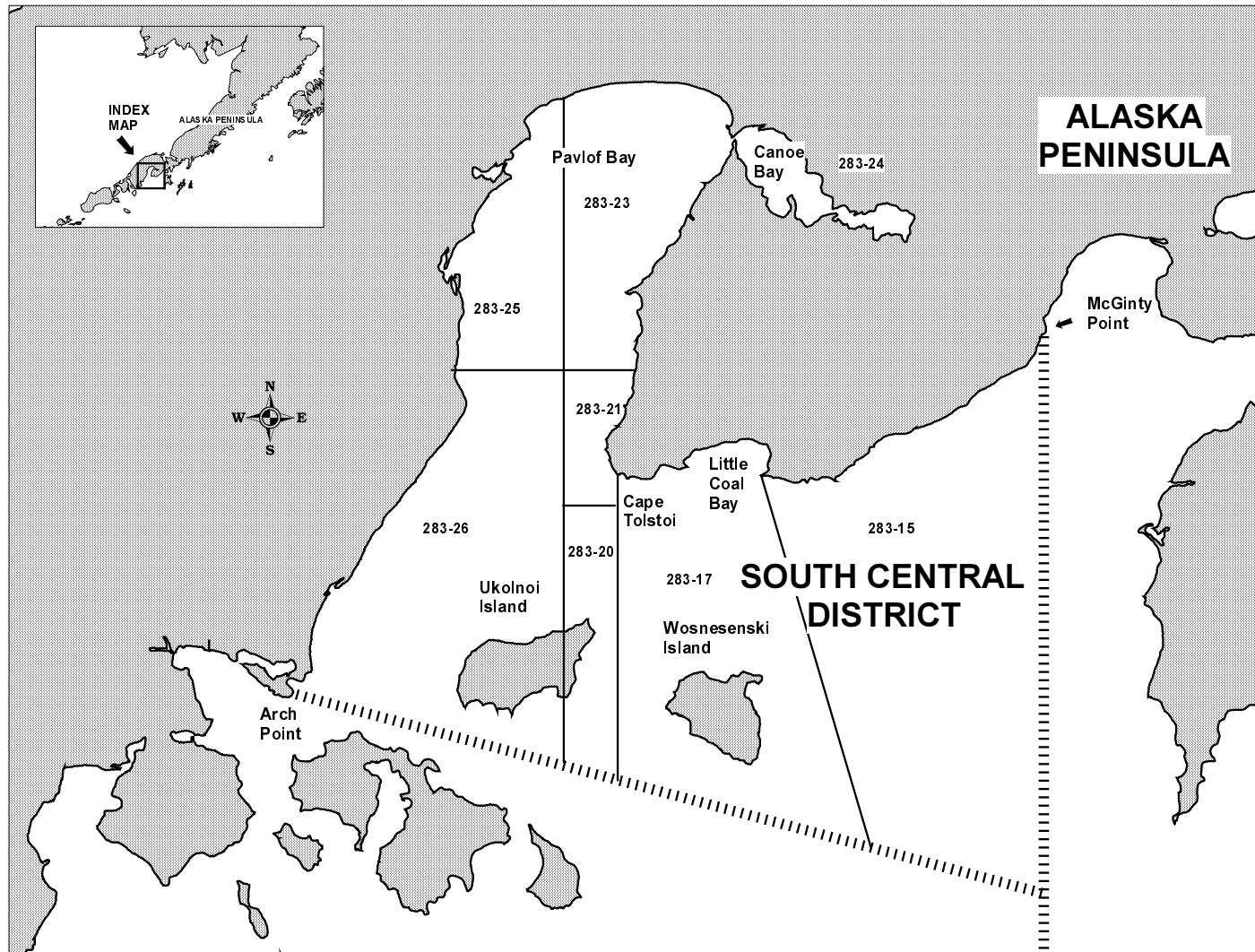


Figure 5. Map of the Alaska Peninsula Area from McGinty point to Arch Point (South Central District) with the statistical salmon fishing areas defined.

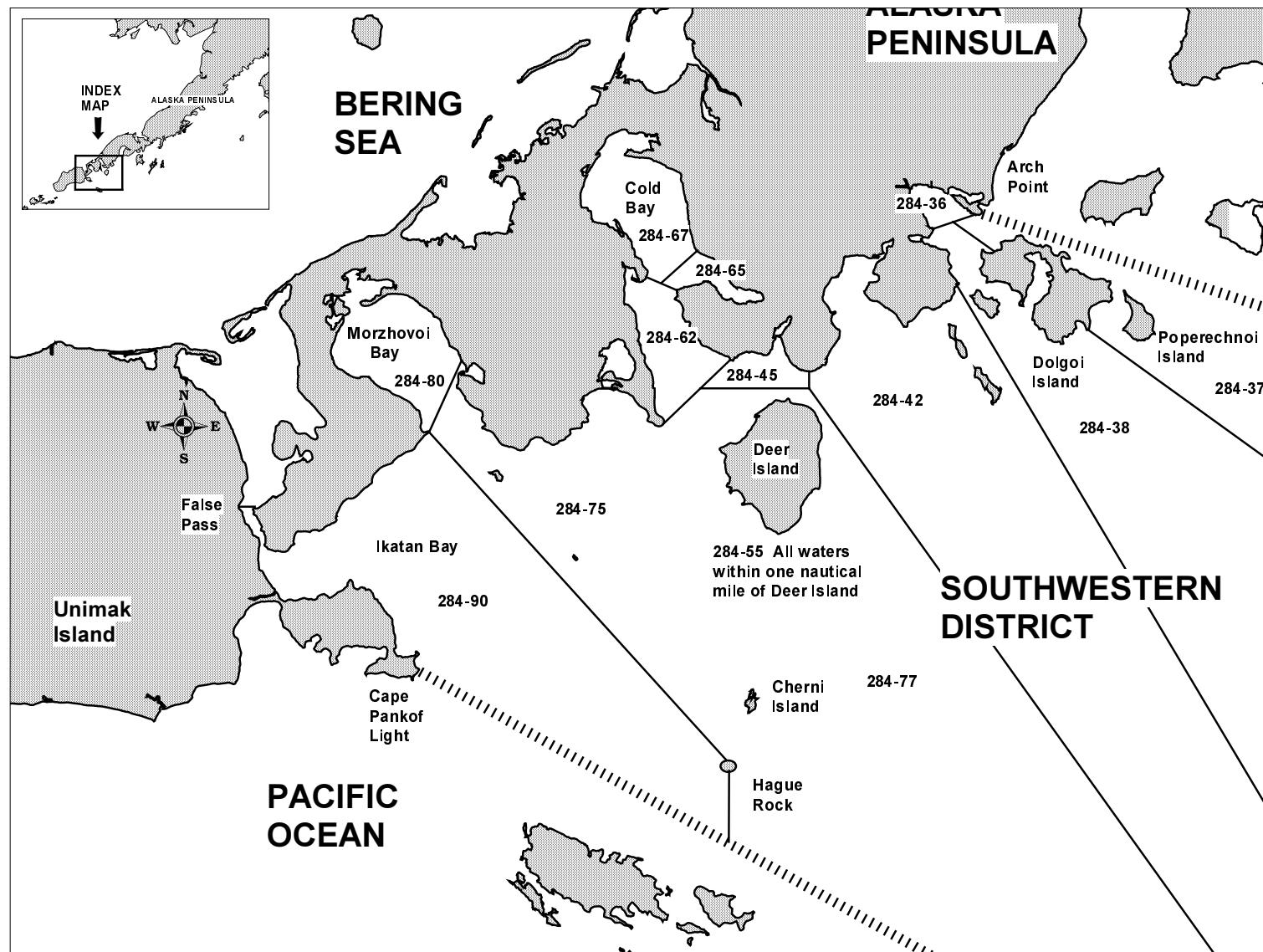


Figure 6. Map of the Alaska Peninsula Area from Arch Point to Cape Pankof light (Southwestern District) with the statistical salmon fishing areas shown.

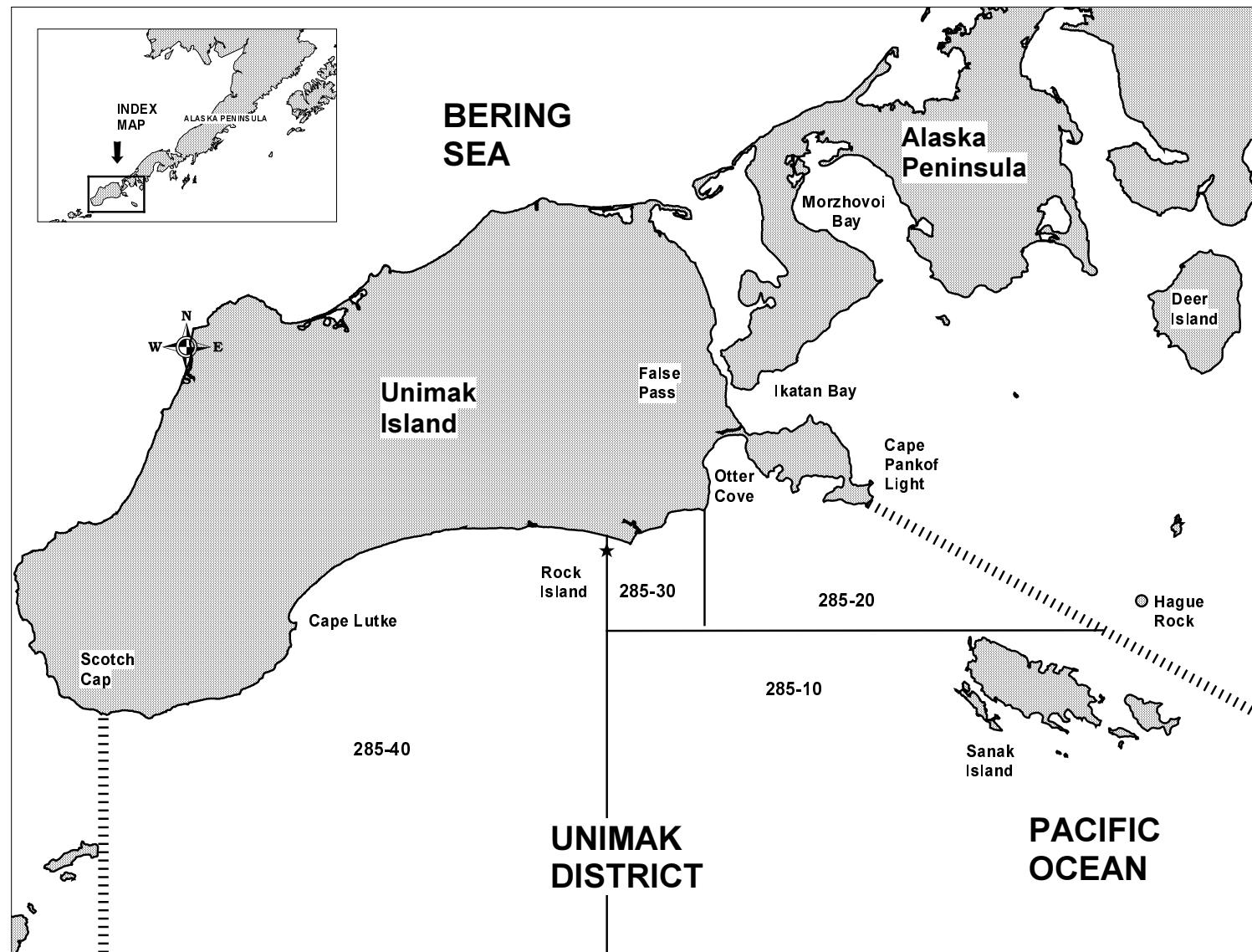


Figure 7. Map of the Alaska peninsula Area from Cape Pankof Light to Scotch Cap (Unimak District) with the statistical salmon fishing areas shown.

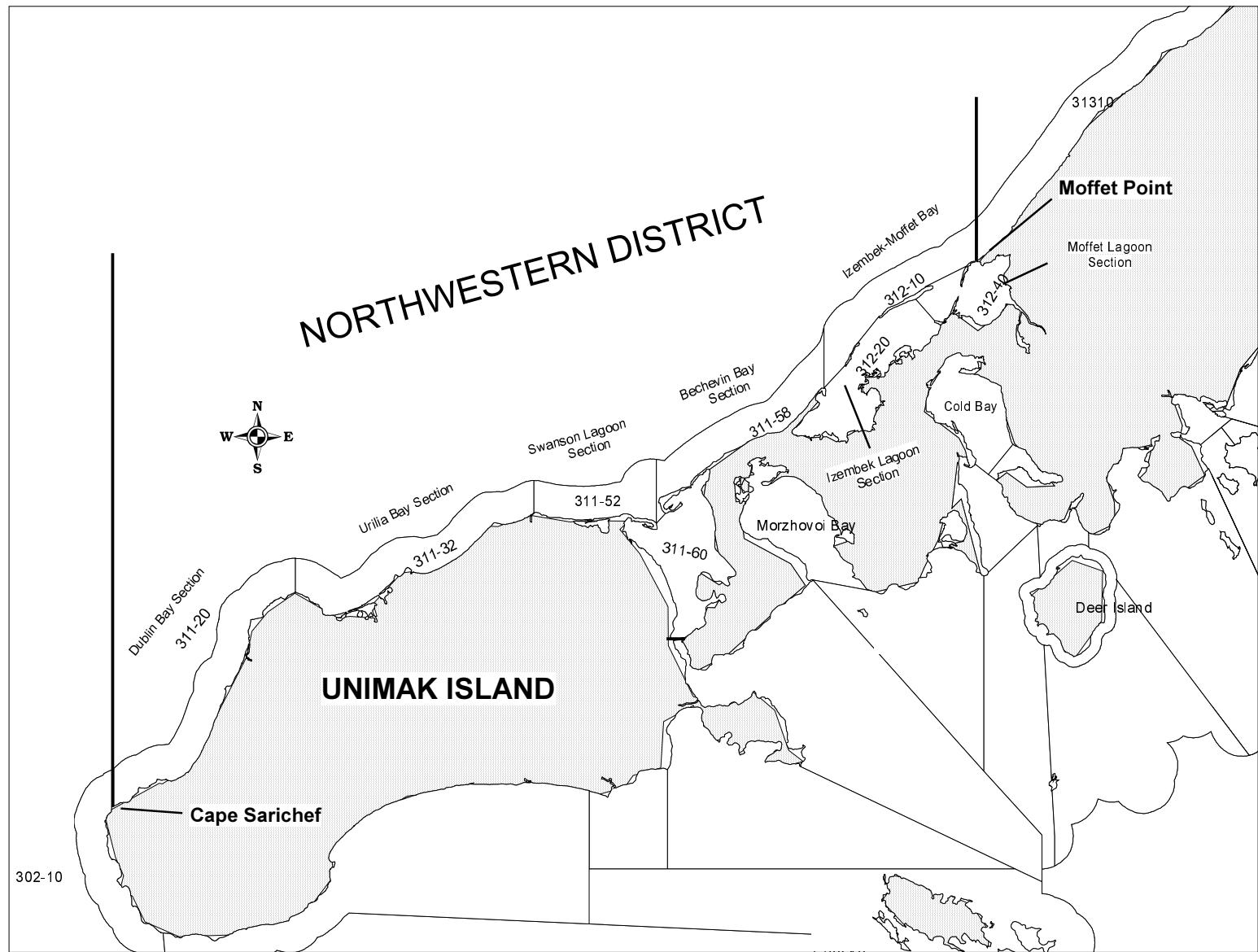


Figure 8. Map of the Alaska Peninsula Area from Cape Sarichef to Moffet Point (Northwestern District) with the statistical salmon fishing areas defined.

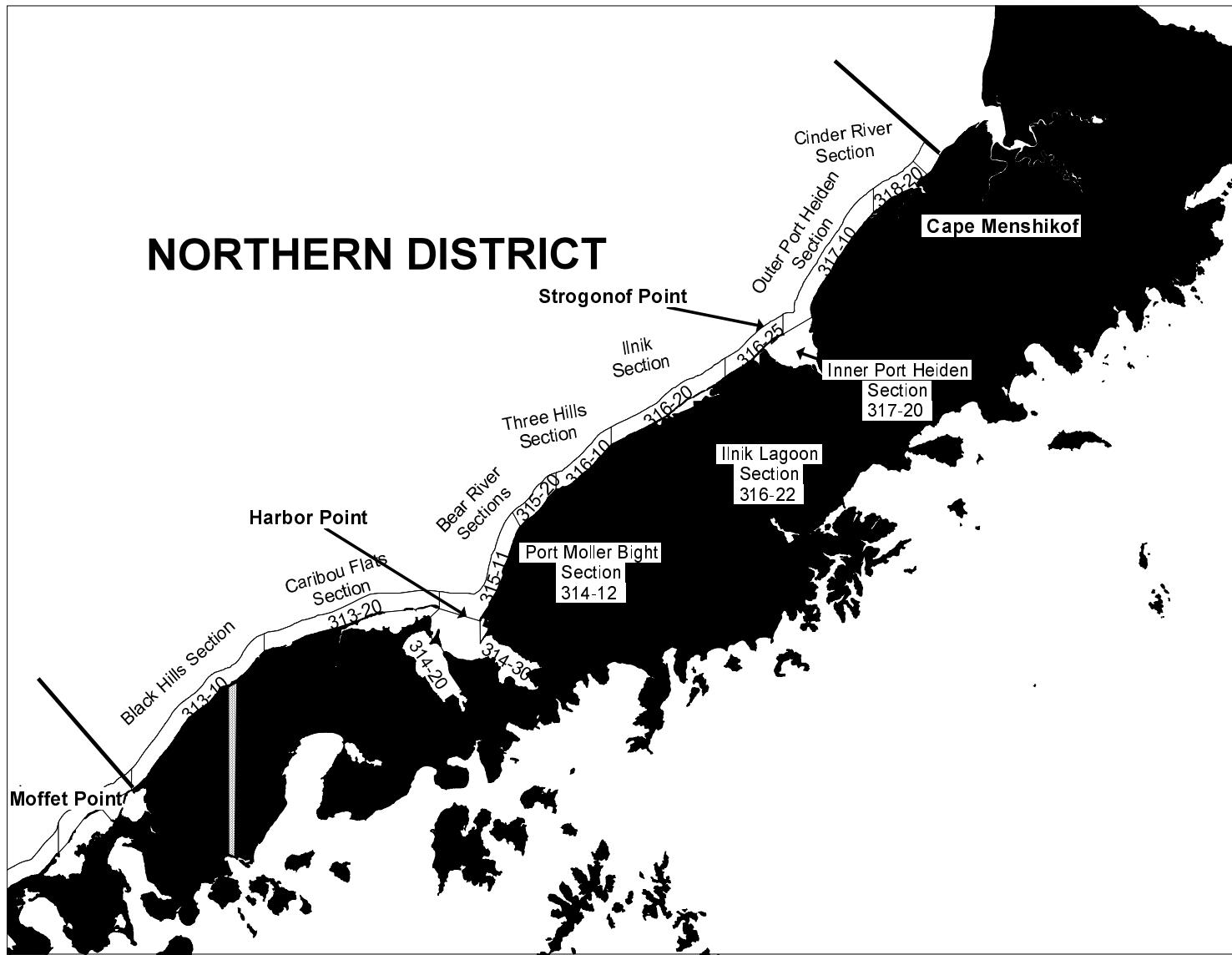


Figure 9. Map of the Alaska Peninsula Management Area from Moffet Point to Cape Menshikof (Northern District) with the statistical salmon fishing areas defined.

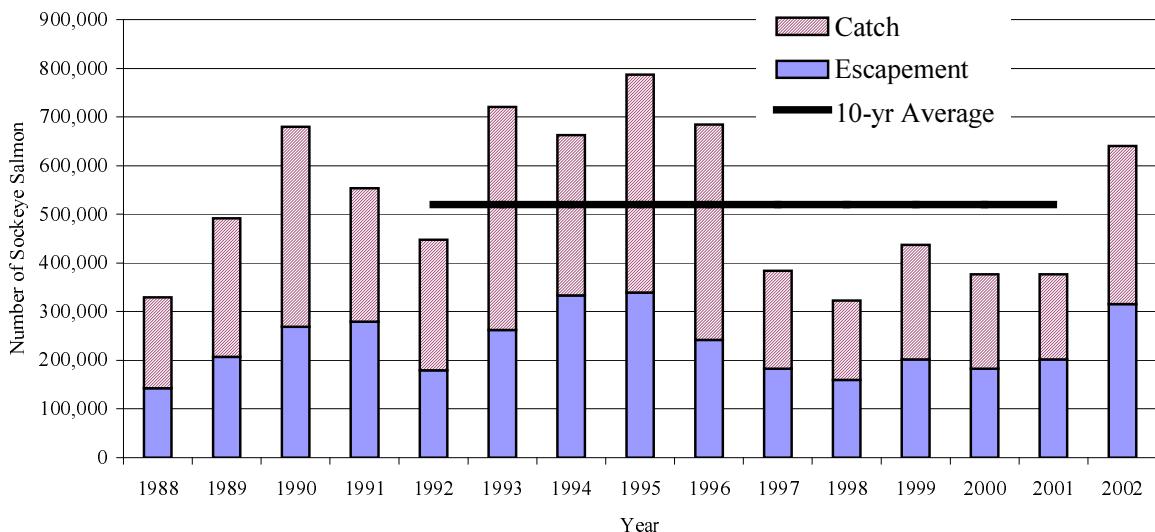


Figure 10. Nelson River sockeye salmon escapement, catch, and run estimates, 1988 - 2002, and the recent 10-year average estimated run (1992 - 2001).

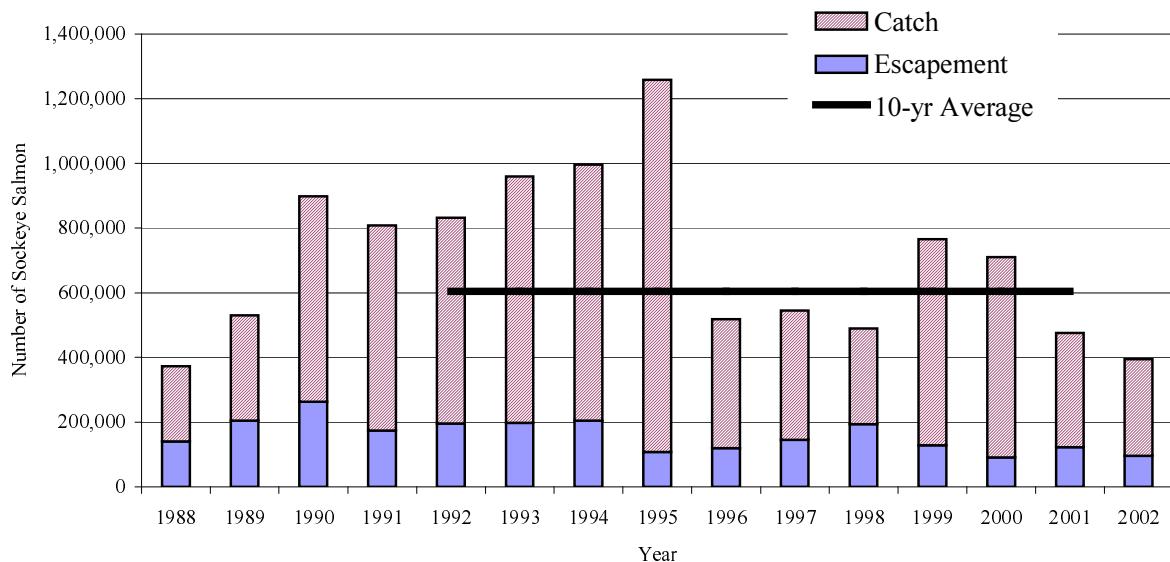


Figure 11. Bear Lake late-run sockeye salmon escapement, catch, and run estimates, 1988 - 2002, and the recent 10-year average estimated run (1992 - 2001).

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